Fenton Community High School District 100

Curriculum Program Guide

Issued January 2017

Mission Statement

The mission of Fenton High School is to educate and inspire each student to reach his/her fullest potential as a productive, lifelong learner and a responsible, respectful person by providing comprehensive, challenging, quality learning experiences in a supportive environment.

Fenton High School
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Fenton High School Lifelong Learning Standards

Student performance is measured in the areas of critical thinking, problem solving, and communication. The goal of District 100 is to insure that every student graduating from Fenton High School will have demonstrated the Lifelong Learning Skills inherent in the seventeen district standards listed below.

Critical Thinking Skills

1. Demonstrates logical thinking through the use of deductive and inductive reasoning.
2. Applies evaluative techniques by displaying judgement and decision-making skills.
3. Demonstrates the ability to identify main thesis and supporting ideas.
4. Demonstrates ability to use inferences.
5. Demonstrates the ability to determine the relevance of information.
6. Demonstrates ability to use comparison and contrast.
7. Demonstrates the ability to organize information (through such means as grouping, sequencing and patterning).

Problem Solving Skills

8. Identifies both the problem and the type of problem.
9. Collects all necessary information.
10. Evaluates possible solutions and their consequences.
11. Accurately supports the reasoning behind the solution.

Communication Skills

12. Communicates clearly through writing.
13. Communicates clearly through speaking.
14. Communicates clearly through non-verbal means.
15. Effectively listens for a variety of purposes.
16. Demonstrates positive group communication behaviors.
17. Effectively reads for a variety of purposes.

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Basic Graduation Requirements At Fenton High School

Forty-five (45) credits are necessary for graduation. A unit of credit is given for the successful completion of a semester's work, which includes music and physical education. PLEASE NOTE: **If a student repeats a course (other than a Physical Education course) for which he/she has received credit, additional credit will not be issued.** In addition to the credit requirements, the following subjects must be successfully completed in order to graduate:

Classroom Driver Education:	Will be taught as part of sophomore Physical Education.
Consumer Education:	One (1) semester
English:	Eight (8) Semesters
Fine and Applied Arts:	Two (2) semesters - to be chosen from applied technology, art, business education, world languages, family and consumer sciences, music, or theater.
Health:	(Freshmen) - One (1) semester
Mathematics:	Six (6) semesters - All juniors must be enrolled in a mathematics class
Physical Education:	One (1) semester freshman year and two (2) semesters sophomore through senior year
Science:	Four (4) semesters
Social Studies:	Six (6) semesters
Writing	Two (2) writing-intensive courses are required. These requirements are met through the English Department.
Community Service:	Students must complete twenty-five hours of community service as part of their graduation requirement.

These requirements are subject to change by the Fenton High School District 100 Board of Education.

Planning Your Program

Use this chart to plan your high school program: Fenton has a seven-period day. Electives may be selected to complete a student's schedule.

Grade 9	Grade 10	Grade 11	Grade 12
English 1	English 2	English 3	English Electives
One math required: Algebra 1 Algebra (Part 1)	One math required: Algebra (Part 2) Fundamentals of Geometry Geometry	One math required: Fundamentals of Geometry Geometry Algebra 2 Algebra and Trigonometry	
Biology	Physical Science Chemistry		
Introduction to Social Sciences	World History	U. S. History	
Physical Education/Health One semester of each	Physical Education (two semesters) Includes Driver Education	Physical Education (two semesters)	Physical Education (two semesters)
Fine & Applied Arts Electives (may be taken 9, 10, 11, 12)		Consumer Education (may be taken 11 or 12)	

Registration Procedures:

At Fenton HS, students participate in course selection in January and February, working in conjunction with their counselor. These course selections are considered final as of June 1st each school year. Changes in course selection between February and June 1st will be made for failures, misplacements, and level changes. Other course requests changes will be made only as course availability permits. Course request changes after June 1st will occur only with administrative approval.

College Entrance Recommendations and Requirements

Students who intend to enter college should check admission requirements with the college or university in which they are interested. Students should make sure they are using current information. Wise program planning can achieve solid college preparation and also include valuable experiences in the practical arts. Students who plan to attend college/universities, especially public four-year schools in Illinois, must meet minimum requirements established by the state of Illinois Board of Higher Education. In general, these courses are also the minimum prerequisites to enter a private four-year school.

ENGLISH

8 credits to include:
(2 credits) English 1
(2 credits) English 2
(2 credits) English 3 or AP English 3
2 credits selected from the following:
AP American Writers
British Literature
Twentieth Century Literature
AP Seminar in English

MATH

A minimum of 6 credits to include:
(2 credits) Algebra 1
(2 credits) Geometry
(2 credits) Algebra 2

SCIENCE

A minimum of 6 credits to include:
(2 credits) Accelerated Biology or Biology
(2 credits) Physical Science
(2 credits) Chemistry **or** Physics

SOCIAL STUDIES

A minimum of 6 credits to include:
(2 credits) Introduction to Social Science
(2 credits) U. S. History or AP U. S. History
(2 credits) World History or AP World History

ART, WORLD LANGUAGES, MUSIC, OR VOCATIONAL EDUCATION
(Applied Technology, Business, Family & Consumer Sciences)

A minimum of 4 credits to be selected from these subject areas. Many four-year colleges require at least two years of the same foreign language.

College of DuPage Dual Credit

Several courses offered by Fenton High School have been approved for Dual Credit with the College of DuPage. Dual Credit courses offer enrolled students an opportunity to earn college credit while taking high school courses. Courses that have been approved for Dual Credit with the College of DuPage are highlighted throughout this course catalog. Students enrolled in these courses must complete the College of DuPage Dual Credit registration process, must meet all course prerequisites set by the college, and must earn a course grade of "C" or higher in order to earn college credit. Dual Credit coursework will appear on a College of DuPage transcript and may be transferrable to other institutions of higher learning. A student need not be planning on attending the College of DuPage in order to take advantage of Dual Credit opportunities. As of the publication of this course catalog there is no tuition fee for Dual Credit courses and the College of DuPage has waived the registration fee. For more information or additional questions, please contact the Director of Curriculum or the Fenton Guidance Department Chairperson.

College Of DuPage Articulated Credit

In order for Articulated Credit to be given, a signed course-to-course articulation agreement is made between secondary and post secondary faculty. Such agreements have been made between Fenton High School and the College of DuPage for specific courses listed in the Applied Technology, Business Education and Family and Consumer Sciences Departments. Articulated Credit is only credit - no grade is recorded. Only an "AC" will appear on the student's transcript. Students may apply for Articulated Credit if they have completed at least one quarter at College of DuPage, successfully completed a credit course, and if their high school transcript is in the college Records Office. A College of DuPage student must apply within two years of high school graduation.

Guidelines For Independent Study

Independent Study is designed for the self-motivated, responsible students who wish to expand their knowledge in an area in which they are keenly interested. The following guidelines must be followed by the student interested in pursuing an Independent Study:

1. A student may take Independent Study as a sixth class during a given semester.
2. Independent Study may be taken for a letter grade.
3. In order to apply for Independent Study, the student must:
   a. Find a teacher who is willing to work with him/her on the project.
   b. Be assigned to a supervised location within the school building. Attendance must be taken daily.
   c. Write a proposal setting forth the specific goals to be accomplished with completion dates identified. The proposal will also include the methodology necessary for completing the goals.
4. After the teacher initially approves the student's written proposal, the department chairperson in that area must also approve the proposal.
5. To complete the required approval, the student's parents must also sign the contract realizing that the student will be required to spend additional time pursuing the Independent Study beyond the normal class hours.
6. An Independent Study course must follow the same classroom requirements as a regular course, to include attendance, behavior, timelines, and/or performance as specified by teacher and chairperson.
7. All independent study paperwork must be completed and submitted by the teacher to the Director of Curriculum for final approval within the first three weeks of the course.

Administrative Procedure for Grade Replacement

With approval from the Director of Curriculum and Instruction, courses within the Mathematics Department and the World Language Department may be repeated with the option of grade replacement.

Mathematics: If a student fails the second semester of a Mathematics course, they can apply to audit the first semester of the course with the option to replace their original first semester grade with a higher grade. The student must earn an "A," "B," or "C" in order to receive a replacement grade.

World Languages: If a student earns a D in either semester of a World Language course, they may apply to audit either or both semesters of the course with the option to replace their original grade with a higher grade. The student must earn an "A," "B," or "C" in order to receive a replacement grade.

Students may also repeat a Math or World Language course in which they have earned a grade of "F" or "WF."

The transcript is a record of all courses attempted. As such, both the original and repeat courses and grades will appear on the student's transcript, but the better of the two grades will be used in awarding credit in calculating the student's unweighted and weighted GPAs.

The student must complete and submit the form titled "**Request for Grade Replacement"** by the end of the first nine weeks of the semester.

Course Withdrawal

All students must carry a minimum of five (5) courses during a semester. A student may request to withdraw from a course and be assigned to a study hall through the first twelve (12) weeks of a semester without penalty with administrative approval of the Director of Curriculum or Principal. Students who request to withdraw from a course after the twelfth week will receive a course grade of "WF" regardless of their grade at the time of the withdrawal. A "WF" grade will become part of the student's transcript and will be calculated as an "F" in the computation of the student's grade point average.
If a student is taking seven (7) courses but has multiple failures, he/she may be withdrawn from a course and placed in a study hall to provide time for the student to improve their academic progress.

Course Levels

Students are encouraged to challenge themselves academically by taking courses at the highest level at which they can succeed. Students and their parents should consult the counselor and appropriate teachers about your preparation, the demands of each level, and the teachers' recommendations before signing up for courses.

Most courses are offered at a regular level. These courses will prepare students for college, further technical education, or an entry-level job. Some courses are also offered at an accelerated level. You must meet the established criteria to enroll in these courses.

Admission to Accelerated Courses

Admission to accelerated courses is a two step process.

1. Recommendation

Students must meet ***two*** of the following three criteria:

a) Grade of ***B+ or above*** in all prerequisite courses
b) Teacher recommendation
c) Meet requisite standardized achievement cut scores, as designated by the department and Curriculum Director

2. Acceptance

Each student must present evidence of outstanding ability in the specific content area addressed by the course. Performance may be assessed via samples of written work, student projects, oral or dramatic presentations, musical performances, art Projects or other student generated products deemed acceptable by the instructor of the given course.

Advanced Placement

Courses are offered in the tenth, eleventh and twelfth grades. Advanced Placement courses are rigorous, college-level studies for which you may receive advanced standing and/or college credit upon entering college. Each Advanced Placement course is approved and monitored by the College Board emphasizing the importance of rigor in these courses. An examination given by the College Board in the spring will determine the amount of advanced placement credit students may earn. Grades in AP courses are weighted with an additional GPA value of 1.0.

AP Courses Offerings

AP Studio Art Portfolio
AP American Writers
AP Seminar in English
AP French Language
AP German Language
AP Spanish Language
AP Statistics
AP AB Calculus
AP BC Calculus
AP Psychology
AP Physics 1
AP English 3-American Literature and Composition
AP Biology
AP Chemistry
AP Environmental Science
AP United States History
AP World History
AP Psychology
AP Microeconomics
AP Macro Economics
AP Music Theory
AP Computer Science Principles

Grade Point Averages

Unweighted:

Grades in a one-unit course earn grade points as follows: A=4, B=3, C=2, D=1. The points earned are divided by the number of courses attempted to determine the GPA.

Weighted:

Grades in a course earn additional points as follows. The points earned are divided by the number of courses attempted to determine the GPA.

Grade	Regular	Acc.	AP
A	4	4.5	5
B	3	3.5	4
C	2	2.5	3
D	1	1	1
F	0	0	0

COURSE DESCRIPTIONS

APPLIED TECHNOLOGY

Philosophy

Applied Technology is a significant part of Fenton's comprehensive high school program. Applied Technology can help students become technologically literate and equipped with the necessary skills to cope with, live, and work in today's highly technological society. Courses are designed around useful lifelong technological skills taught from a practical problem-solving approach. Students may elect to take Applied Technology courses for consumer knowledge and/or for an introduction to a career. Applied Technology can benefit students as they prepare for college, employment, or to establish life-long skills and leisure activities.

Recommendations

The Applied Technology Department offers exciting courses to all students in the areas of drafting, electronics, graphics, metals, photography, powers, video, and woods. These classes are lab oriented with practical, hands-on experiences. Some students may acquire College of DuPage credit for certain classes taken from the Applied Technology Department at Fenton High School. Consider a career that can begin at Fenton with your experiences in the Applied Technology Department. Fenton High School is in an area surrounded by hi-tech industries that are looking for people with skills for the technical world in which we live.

SUGGESTED COURSE SEQUENTIAL PROGRAMS FOR TECHNOLOGY RELATED OCCUPATIONS

VOCATIONAL ORIENTATION

Woods/Construction	**Electronics**	**Graphics/Printing**	**Photography/Video**
Intro. to Technology	Intro. to Technology	Intro. to Technology	Intro. to Technology
Technical Drafting	Electricity/Electronics	***Graphics 1	Photography 1
Woods	Computer Repair	Graphics 2	Digital Photography
Advanced Woods	*T.C.D.	Graphic Productions	Advanced Digital Photography
		Web Design	Video Production
			Advanced Video Production
			Television Production
Architecture	**Automotive**	**Engineering/Manufacturing**	**Computers**
Intro. to Technology	Intro. to Technology	Intro. to Technology	Computer Repair Hardware
Technical Drafting	Small Engines	Intro. to Engineering Design	Computer Operating Systems
Architectural Drafting 1 & 2	Auto Technology 1	Principles of Engineering Design	Web Design
Technology Internship	Auto Technology 2	Technical Drafting	Game Design
	*T.C.D.	Metal & Mfg. Tech 1	
		Technology Internship	
		*T.C.D.	

***** Dual Credit with College of DuPage**

NON-VOCATIONAL ORIENTATION
Consumer/Personal and Recreational Emphasis
Introduction to Technology followed by any of the following.

Technical Drafting	Woods	Electricity	Photography	Digital Photography
Metal & Mfg. Tech 1	Video Production	Small Engines	Graphics 1	Web Design
Advanced Woods				
Auto Technology	Graphics 2	Architectural Drafting		
Auto Technology 2		Architectural Drafting 2		

*T.C.D. (Technology Center of DuPage)

INTRODUCTION TO TECHNOLOGY - NON-SEQUENTIAL
CODE: 1st Semester 7701 2nd Semester 7702
Introduction to Technology is designed to expose students to a variety of experiences in the technical areas of communication, production, transportation, and energy utilization. The students rotate through the areas listed below. Concepts and skills gained in this course are of lifelong use for both males and females. Safety is emphasized throughout all sections.

1. **Web Design** - Students will design their own web page.

2. **Woods** - Students will design and build their own project. Through this process, they will gain experience and knowledge about wood fabrication, wood products, and wood finishing. Students will learn the proper use of hand and power tools.

3. **Metals** - This unit is an introduction to the metals industry. Students will manufacture a project using sheet metal and bench tools.

4. **Graphics** - Students will be exposed to the history and future of graphic communication. Students will have hands-on experience in the areas of graphic design, camera preparation, screen printing, and desktop publishing.

5. **Photography** - Students will be introduced to the basic concepts of photography by building a pinhole camera. Students will use both 35 mm cameras, and digital cameras, develop film, enlarge negatives, use Adobe Photoshop, and assemble a portfolio to demonstrate skills learned in this section.

6. **Drafting** - The communication concepts of technical drafting are introduced through the study of drawing and sketching techniques. Primary units of study include three-view drawings, pictorial drawings, architectural landscaping, airbrush techniques, and an introduction to Computer Aided Drafting (CAD).

7. **Video** - Students will be introduced to the fundamental practices of video production through the use of video cameras and video editing systems. Students will work in small groups to write and produce video projects.

8. **Electricity** - Students will be exposed to the essentials of electricity, including series and parallel circuits, soldering, and basic residential wiring skills.

Prerequisite: None
Levels: **9, 10** Semesters: 2 Credits: 2

TECHNICAL DRAFTING - SEQUENTIAL
CODE: 1st Semester 7711 2nd Semester 7712
Technical Drafting is the universal language of industry and the consumer. Through the use of Computer Aided Drafting (AutoCAD) systems and tracmaster drafting machines, the students will explore the topics of sketching, blueprint reading, orthographic projection, sectional views, auxiliary views, pictorial representation, and architecture.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 or 2 Credits: 1 or 2

ARCHITECTURAL DRAFTING 1 - SEQUENTIAL
CODE: 1st Semester 7741 2nd Semester 7742
Architectural Drafting provides the student with an introduction to the diverse and complex field of architecture through building materials, construction principles, building terminology, and pictorial representation. Using the computer aided design drafting (AutoCAD) system and the tracmasters, the student will explore the world of building construction from the footing to the roof of a house. One point perspective, two-point perspective, elevational views, and the design of a residential floor plan will climax the two-semester experience.
Prerequisite: Technical Drafting (Full Year)
Levels: 10, 11, 12 Semesters: 2 Credits: 2

ARCHITECTURAL DRAFTING 2 - SEQUENTIAL
CODE: 1st Semester 7751 2nd Semester 7752
The designing and drawing of the plans for a residence is the goal of the architectural student. He/she takes the role of a Junior Architect and with the help of a client creates a vacation home or permanent residence culminating in the completion of the working drawings for that structure. Through the means of the computer aided design drafting (AutoCAD 2000) system and the tracmasters, the Junior Architect will complete the floor plan, foundation plan, electrical plan, elevational views, needed details sections, a two-point perspective, and the plot plan for their design.
Prerequisites: Technical Drafting (Full Year),
Architectural Drafting (Full Year)
Levels: 10, 11, 12 Semesters: 2 Credits: 2

PHOTOGRAPHY 1
CODE: 7755
Photography I is an introduction to photography. Students will shoot and process their own photographs using 35 mm cameras, which are available for student loan. Topics covered include exposure, camera handling, lighting, composition, print finishing and special effects. At the end of this class, students will present a portfolio to showcase their skills.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1
Lab Fee: $5.00 plus materials as needed.

DIGITAL PHOTOGRAPHY
CODE : 7756
Photographs can motivate, captivate, educate, and inform more than any words. In modern times, it is easy to create dazzling, high quality images even as an amateur. This class will teach students how to unlock the power of a digital camera and set up more interesting shots. Students will also become highly proficient in Adobe Photoshop, the industry standard for image manipulation. Students will learn to fix family photographs, make complex collages, colorize black & white photos, generate surreal pictures, and set up better photos.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

ADVANCED DIGITAL PHOTOGRAPHY
CODE: 7797
Advanced Digital Photography is the extension of the one-semester Digital Photography class. In this ever-changing world of technology, it is exciting to manipulate and enhance digital images. This class will allow students to have a more in-depth experience with Adobe Photoshop image editing software.
Prerequisite: Digital Photography
Levels 10, 11, 12 Semesters: 1 Credits: 1

VIDEO PRODUCTION
CODE: 7763
By the time students graduate from high school they have watched television for over 17,000 hours and spent less then 11,000 hours in the classroom. Video Production students actively produce videotaped shows. Students work on individual and collaborative projects using hands-on activities. They will learn professional techniques, including camera work, lighting, editing, and acting. This course also includes exposure to professional video production facilities.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

ADVANCED VIDEO PRODUCTION
CODE: 7774
Advanced Video Production provides the student with additional opportunities to use the skills learned in Video Production. This is a hands-on continuation of the introductory class, with an emphasis on advanced production techniques. Students will produce, direct, shoot, and edit a number of productions.
Prerequisite: Video Production
Levels: 11, 12 Semesters: 1 Credits: 1

GRAPHICS 1
CODE: 7765
Graphics I is an introduction to the graphic communication industry. Students will have hands-on experience in design principles, Desktop Publishing, copy preparation, reproduction photography, offset lithography, screen-printing, and other graphic communication procedures. Students will use computers with QuarkXPress, Adobe Illustrator, and Adobe PhotoShop to learn the principles of Desktop Publishing. A wide variety of projects will be produced using the methods of lithography and screen printing.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1
Lab Fee: $7.00 plus materials as needed.
This course offered for Dual Credit with the College of DuPage

GRAPHICS 2 –A & B NON-SEQUENTIAL
CODE: 1st Semester 7771 2nd Semester 7772
Graphics II is an extension of Graphics I, with an emphasis on advanced techniques in the following areas: Desktop Publishing (Adobe Illustrator, PhotoShop, and QuarkXPress), including composition procedures, advanced process camera work, darkroom techniques, multiple-color screen-printing, binding, and a variety of operations performed on an offset press. Experimentation will be done with half tones, duotones, special effects, and other multiple ink projects.
Prerequisite: Graphics I
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2
Lab Fee: $8.00 per semester plus materials as needed.

GRAPHIC PRODUCTION - SEQUENTIAL
CODE: 1st Semester 7781 2nd Semester 7782
This is a production class designed to give students practical hands-on experience in the printing industry. Students in this course will be involved in all aspects of the graphic communication industry, such as Desktop Publishing, management, sales, billing, etc.
Prerequisite: Graphics I, Graphics II and consent of instructor
Levels: 11, 12 Semesters: 2 Credits: 2

WEB DESIGN
CODE: 7902
In modern times, an understanding of the internet and the information it carries is no longer optional. In this class students will not only create web sites about your personal interests, but also make pages for teachers, student clubs, and businesses. We will cover basic HTML, CSS, Flash, Dreamweaver, javascript, and more. No prior coding knowledge is required. If you know how to browse the internet, you're ready to take this class. More skilled students can take on "freelance" web design challenges to further improve their talents.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

TELEVISION PRODUCTION
CODE: 7777
This class is a hands-on introduction to Television Broadcasting. Students in this class will be responsible for producing the school's daily announcements. Students will be involved in all aspects of the production, including talent, director, camera, audio, teleprompter, switcher, and more. Students will learn the importance of teamwork, problem solving, and deadlines.
Prerequisite: None
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

ELECTRICITY
CODE: 7785
This introductory course covers all the basics of electricity and the beginnings of electronics. No prior experience is required. Students will do mostly lab-based work with both DC and AC electricity, applying science and physics in a practical setting. Students will also use real construction techniques by building a basic wall frame, running conduit and boxes, attaching lights, then wiring it all up to a breaker panel. Students also learn to use digital multimeters and other diagnostic equipment. Finally, the course wraps up with soldering and analog electronics; students will put together a simple kit with flashing LEDs and microswitches.
Prerequisite: None

Levels: 10, 11, 12 Semesters: 1 Credits: 1

COMPUTER HARDWARE REPAIR
CODE: 7903
In this course the students will learn the basic operation of a computer system. They will identify the major components found in a personal computer, perform simple maintenance, and use troubleshooting techniques to identify a malfunctioning component. This course includes hands-on work in which they will remove, configure, and install hard drives, CD/DVD drives, video and sound cards, and additional peripherals.

At the end of the course each student will research and built a virtual computer. The students will have the option of purchasing the components and actually building this computer in class for their own use.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

COMPUTER OPERATING SYSTEMS
CODE: 7904
This course teaches students both basic and advanced knowledge of an operating system. The focus of the course is on Windows XP and Vista, but we also cover Windows 7 and Linux distributions. Students will learn to use high-powered utilities to wipe out viruses, clean spyware and speed up a slow machine. We cover techniques to fix common problems and research online to find answers to more complex issues. The best part is that almost all of the programs used are free so anything learned in class can be directly applied for use at home.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

WOODS
CODE: 7795
Wood working is a very useful skill for either future employment or as a hobby. Students will learn how to choose the right materials, tools, and procedures for a job. Emphasis is placed on safety, design, planning, and organization. Career awareness in fields like drafting, design, furniture production, construction, carpentry, and cabinet making will also be covered. By the end of course, students will have built and finished a fully functional coffee table or plant stand.
* Students will be expected to pay for the materials.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

ADVANCED WOODS - SEQUENTIAL
CODE: 1st Semester 7801 2nd Semester 7802
Advanced Woods is a continuation of Woods and for the individual who has an interest in woodworking. This class is for the student who wants to refine skills in wood product fabrication. Students will learn the newest technology used in these occupations. Consumer knowledge, home maintenance, career awareness, and technologies related to the wood product fabrication industries will be explored.
* Students will be expected to pay for the materials.
Prerequisite: Wood Product Fabrication
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

METAL AND MANUFACTURING TECHNOLOGY 1
CODE: 7805
Metal and Manufacturing Technology will cover the skills necessary for students interested in design, engineering, and manufacturing. Students will be instructed on the proper and safe use of the drill press, lathe and other metal machines. They will also learn about heat treating, sheet metal tools, spot welding, and other hand tools. Students will learn about the impact of computer assisted design (CAD) and computer assisted manufacturing (CAM) on today's manufacturing.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

GAME DESIGN
CODE: 7910
Game Design is a one semester course which covers many diverse skills in the field of game design. Students will complete four major games and several smaller "tech demo" projects. The primary goal is to teach programming using a graphical approach. While higher level concepts like loops and object-oriented structures can cause great frustration when built with conventional programming languages, the software for this course easily facilitates the problem-solving process. In addition to programming, students will also do basic graphic design, a short 3D modeling project, level design, research game related subjects, and give formal presentations of their work to the class. The projects for this course can be varied to accommodate students of all skill levels, from expert programmer to complete novice.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

SMALL ENGINES
CODE: 7845
Students will learn how to take an engine apart and put it back together so that it runs. This is a "hands on" approach to small engine repair. Students will learn how to perform tune-ups and repairs on all makes and models of small engines including Sears, John Deere, Toro, and more. Students can work on mowers, snow blowers, trimmers, mini bikes, riding lawn mowers and more.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

AUTO TECHNOLOGY 1 - SEQUENTIAL
CODE: 1st Semester 7851 2nd Semester 7852
Students will work on automobiles. Students will learn how to add new sound systems, new brakes, do body work, and perform general repair to cars. Students will do general auto maintenance, upgrades and repairs to automobiles including their own cars. Consumer tips and careers are also covered in this class.
Prerequisite: Small Engines
Levels: 11, 12 Semesters: 2 Credits: 2

AUTO TECHNOLOGY 2
CODE: 1st Semester 7863 2nd Semester 7864
The Automotive Technology program is designed to provide students with the necessary skills, knowledge, and abilities for entry-level employment in the automotive service industry. Autos 2 will build upon the knowledge gained in Autos 1, with an expanded focus on diagnostics and troubleshooting. Autos 2 will provide the student with skills in engine tune-up, brake system service, suspension service, lubrication service, and parts management. In addition, students will also learn job search skills, automotive business ethics, appropriate communication skills for the marketplace, and job retention skills – including attendance, punctuality, and proper work attire.
Prerequisite: Auto Technology 1
Levels: 11, 12 Semesters: 2 Credits: 2

TECHNOLOGY INTERNSHIP 1 - SEQUENTIAL
CODE: 1st Semester 7861 2nd Semester 7862
Technology Internship I is a cooperative effort between the school and employers in the community. The students may spend about one-half day attending classes at Fenton, and one-half day on the job, under close supervision of an employer in conjunction with the facilitating teacher/coordinator. In the Technology Internship class students will receive instruction in "Occupational Survival Skills" to help them prepare for the future. The occupational areas that students may select are mainly trade, technical, and service occupations.
Prerequisite: Approval of the teacher coordinator required.
NOTE: This course meets the Consumer Education Requirement for graduation.
Levels: 11,12 Semesters: 2 Credits: 4

TECHNOLOGY INTERNSHIP 2 - SEQUENTIAL
CODE: 1st Semester 7871 2nd Semester 7872
Technology Internship II is a continuation of the Technology Internship I program, and students will refine and enhance the occupational skills learned in the previous program. Student class activities will be on an independent study basis worked out with the teacher coordinator. Other requirements will be the same as for Technology Internship I.
Prerequisite: Technology Internship I and approval of the teacher coordinator
Level: 12 Semesters: 2 Credits: 4

LAB ASSISTANT
CODE (See your counselor for Course Code)
The student will assist the teacher in the lab by helping other students learn the proper use of equipment. A lab assistant will also learn how to maintain all machines and hand tools in the lab. He/she may choose to work in the area of Metals, Woods, Powers, Electricity, Drafting, Photography, Video, or Graphics.
Through assisting other students, lab assistants will enhance their interpersonal mentoring skills.
A student seeking Credits as a Lab Assistant must submit a completed lab contract and have approval from the chairperson of the Applied Technology Department.
Prerequisite: All courses offered by the department in the area in which the student will assist. Department Chair Approval
Level: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

INTRODUCTION TO ENGINEERING DESIGN
(A PROJECT LEAD THE WAY COURSE)
CODE: 1st Semester 7707 2nd Semester 7708
Introduction to Engineering Design encourages students to be creative and apply decision-making and problem solving skills to specific design problems, using powerful computer hardware and software (Inventor) to develop 3-D models or solid renderings. Using a CAD system, students explore the design process through creating, analyzing, rendering, and producing a model with a 3-D printer.
Prerequisite: Technical Drafting, students must earn a C or better in Algebra I or with administrative approval.
Level: 10-12
Semesters: 2 Credits: 2

PRINCIPLES OF ENGINEERING DESIGN
(A PROJECT LEAD THE WAY COURSE)
CODE: 1st Semester 7709 2nd Semester 7710
The second course in the Project Lead the Way sequence, Principles of Engineering Design is a survey course that exposes students to major concepts they will encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions.
Prerequisite: PLTW Introduction to Engineering Design
Level: 11, 12 Semesters: 2 Credits 2

ART

Philosophy:
The Art Department fosters visual literacy, self expression, creative growth, discovery and mastery of application skills. Creative learning helps students relate visual knowledge to other core subjects by responding to problem solving with originality, appreciation, flexibility and imagination. Courses offered by our department provide the opportunity for students to achieve at their individual level and grow from there. Art students' accomplishments are celebrated in school displays, the annual spring Fenton Art Festival, and/or a community show.

Offerings:
The Art Department offers courses in two dimensional, three dimensional and digital media. Cartooning, Ceramics/Pottery Studio and Jewelry Making are suggested courses for personal/recreational emphasis. An AP Portfolio course should be the goal of any serious artist and is available for students who meet the criteria.

Requirements and Recommendations:
Fenton High School requires two (2) semesters of fine and applied arts for graduation. This requirement can be fulfilled with any two art courses. College entrance recommendations state that a minimum of four (4) credits should be selected from art, foreign language, music or vocational education courses. The suggestions below may not fit with every student's schedule, however teachers in our department are available to help with any artistic goal. Whether you are looking for a place to unlock creativity or if pursuing a career in art, there is a place for you in the Art Department!

SUGGESTED COURSE SEQUENCE FOR ART RELATED CAREERS:

YEAR	Advertising/ Illustration	Animation/Graphic or Web Design	Fine Art	Museum/Gallery Curation/ Art Education
1	2D Studio **&** Cartooning	2D Studio **&** Cartooning	2D Studio **&** 3D Studio	2D Studio **&** 3D Studio
2	Drawing 1 & 2	Computer Art **&** Digital Photo*	Drawing 1 & 2 **or** Ceramics 1-2 Pottery **or** Jewelry	Drawing 1 **&** Drawing 2
3	Painting 1& 2 **or** Computer Art **&** Digital Photo*	Graphics 1&2* **or** Web Design*	Painting 1&2 **or** Drawing 1 **&** Painting 1	Painting 1 **&** Painting 2
4	AP Portfolio **&** Career Internship*	Graphic Productions* **or** T.C.D. ** AP Portfolio **or** Career Internship*	AP Portfolio	AP Portfolio **&/or** Career Internship*

*Courses outside the Art Department **Technology Center of DuPage

CARTOONING
CODE: 6035
Cartoons and comics are woven throughout our daily lives. You cannot turn on the television, open a magazine, or walk down the street without seeing one. This course allows you to step into the amazing world of cartooning. It focuses on developing a personal style of cartoon drawing through the study of its history and styles: hero comics, advertising cartoons, comic strips, political cartoons and animation. Quick visual thinking techniques and communication skills will also be mastered. For further study in drawing see course descriptions for 2D Art and Drawing. Cartooning techniques can also be combined with the skills learned in the Computer Art course.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $15.00

CERAMICS 1
CODE: 6065
Ceramics is one of the most ancient industries on the planet. As early as 24,000 BC, animal and human figurines were made from clay and then fired in kilns. Developing a personal viewpoint as an outgrowth of the ceramic process is encouraged by emphasizing historical perspectives, design, basic pottery skills, and exploration as a path to personal discovery. Handbuilding and glazing techniques will be learned as well. For more three-dimensional classes see the 3D Art and Jewelry course descriptions.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

CERAMICS 2
CODE: 6075
Ceramics 2 is a course designed for the students who has mastered handbuilding and glazing techniques. It is geared to the student who is motivated to undertake responsibility for decision making and further their understanding of ceramic art as a means of artistic expression. On top of creating advanced handbuilt ceramics, students will receive instruction on the potter's wheel and partake in an outdoor raku firing.
Prerequisite: Ceramics 1
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

COMPUTER ART
CODE: 6020
The computer is the number one design tool used in creative careers. Using the program Adobe Photoshop, students will learn how to create stunning works of art that leave people wondering how they were made. Computer Art teaches artists how to: create special effects, draw/paint using the computer, compose graphic publications used in our school and animate original ideas. The digital camera and scanner will also aid in our creations. This is a great class for anyone interested in giving their computer skills an artistic twist. Students who enjoy this course or are seeking a creative career are encouraged to go on to Digital Photography, Graphics, and or Web Design found in the Applied Technology Department.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $15.00 each semester

JEWELRY 1
CODE: 6006
A wide variety of handmade jewelry-making techniques will be explored. Designs and motifs will be taken from different cultures and the immediate world around us. Weaving, glass flusing, enameling, clay, copper, wire and wood are some of the media that may be used to create with. This course develops a student's ability to work safely in a jewelry studio. Students will learn to use hand tools, both electric and non-electric. For more three-dimensional classes see the 3D Art and Ceramics/Pottery Studio course descriptions.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

JEWELRY 2
CODE: 6008
Jewelry 2 opens the door for the artist who has mastered the foundational handbuilding techniques of Jewelry 1. It is geared to the student who is motivated to undertake responsibility for decision making and further their understanding of jewelry as a means of artistic expression. On top of designing their own advanced works to be created, students will receive instruction in enameling, soldering, and tagua nut carving.
Prerequisite: Jewelry 1
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

2D ART
CODE: 6005
Sketching, drawing, painting, and printing are all a part of the 2D Art class. The secrets to drawing what you see are unleashed in this course. Media that may be used includes pencil, charcoal, marker, oil pastels, monoprints, and watercolor. Multiple themes and styles will be explored and students will leave this class speaking the language of art. Students who enjoy the drawing aspect of this course can go on to Cartooning or Drawing I, while students who enjoy painting can continue on in Painting I.
Prerequisite: None
Note: This course is a prerequisite for Drawing 1 and Painting Studio 1
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $15.00

SCULPTURE 1
CODE: 6015
Mosaics, clay, wire, cardboard, plaster, and wood are just some of the sculptural media used to create with in 3D Art. Looking beyond the walls of our studio, students will be inspired by the world of sculpture that surrounds them in daily life. This course develops a student's ability to work safely in a sculpture studio. Students will learn to use hand tools, both electric and non-electric. All conceived works are produced with the help of sketches and maquettes. For more three-dimensional classes see the Ceramics/Pottery Studio and Jewelry course descriptions.
Prerequisite: None
Note: 3D Art is strongly recommended prior to taking Ceramics/ Pottery Studio.
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

SCULPTURE 2
CODE: 6069
Sculpture 2 is a course designed for the artist who has mastered the foundational techniques of Sculpture 1. It is geared to the student who is motivated to undertake responsibility for decision making and further their understanding of sculpture as a means of artistic expression. On top of designing their own advanced works to create, students will receive instruction in mosaics, ceramic sculpture, conceptual art, and installation.
Prerequisite: Sculpture 1
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

DIGITAL PHOTOGRAPHY
CODE : 7756
Photographs can motivate, captivate, educate, and inform more than any words. In modern times, it is easy to create dazzling, high quality images even as an amateur. This class will teach students how to unlock the power of a digital camera and set up more interesting shots. Students will also become highly proficient in Adobe Photoshop, the industry standard for image manipulation. Students will learn to fix family photographs, make complex collages, colorize black & white photos, generate surreal pictures, and set up better photos.
Prerequisite: None
Levels: 10, 11, 12 Semesters: 1 Credits: 1

ADVANCED COURSES WITH PREREQUISITES

AP STUDIO ART PORTFOLIO- SEQUENTIAL
CODE: 1st Semester 2111 2nd Semester 2112
This 2 semester course is truly the goal for any serious artists. AP Studio Art Portfolio is designed to prepare capable junior and senior art students with a professional portfolio used for entrance into a college art program. The course emphasizes independent thematic work in the artist's choice of medium. Students enrolled in this course submit their portfolio to the College Board instead of taking an Advanced Placement Exam. All students will prepare a personal artist's statement to be included with their portfolio presentation in Fenton's Annual Art Festival.
Prerequisite: Minimum three (3) semesters in studio art classes
Levels: 11, 12 Semesters: 2 Credits: 2
Fee: $20.00 each semester

DRAWING 1
CODE: 6025
Learning how to observe details and draw naturally are the major outcomes of Drawing I. The traditional subjects of landscape, cityscape, still life, rendering of two dimensional references and portraits are studied. Media variety includes charcoal, graphite pencils and pen and ink. The complexity of assignments increases in terms of composition, concepts and skill development. Drawing I is the advanced course for the drawing portion of 2D Art. 9th graders must take 2D Art 1st semester.
Prerequisite: 2D Art
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Fee: $15.00

DRAWING 2
CODE: 6026
This advanced class is designed to focus on drawing from direct observation, rendered two dimensional images and memory while reinforcing expressive color qualities within the art piece. Drawing II focuses on contemporary art styles in drawing. A personal interpretation of portraits, figure and still life are goals of this course. Media variety includes oil pastels, Prisma color pencils and charcoal pastels. This course focuses on developing a great sense of using color for expressive qualities while developing personal interpretation of a subject matter.
Prerequisite: Drawing 1
Levels: 10, 11, 12 Semesters: 1 Credits: 1
Fee: $15.00

PAINTING 1
CODE: 6064
The rich possibilities of oil paint are found through the study of medium control and blending techniques. A personal interpretation of traditional space and color is the goal of Painting I. As individual styles are developed, subject matter experimentation is encouraged. Painting I is the advanced course for the painting portion of 2D Art.
Prerequisite: 2D Art
Levels:10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

PAINTING 2
CODE: 6062
This advanced course is designed to focus on painting from direct observation, memory and 2D references while reinforcing the elements of art and design principles. Painting II explores Modern and Post Modern Art styles with emphasis on personal, social and global issues expressed through painting. Students are encouraged to create directly responding to a specific concept within the assignment. A personal interpretation of traditional space, contemporary space and color are goals of this course. As individual styles are developed, subject matter experimentation is encouraged. Prerequisite: Painting 1
Levels: 10, 11, 12 Semesters: 1 Credits: 1
Fee: $20.00

BUSINESS EDUCATION

Philosophy

The Business Education Department equips students with the knowledge and skills necessary to become successful in college as well as accomplished in the workplace. Our department offers students opportunities to develop and apply knowledge in an authentic learning environment that links curriculum content to the global community. Business Education courses offer students the opportunity for learning that will enhance their ability to see connections between what is learned and the practical application of that learning. Attitudes are shaped and behaviors are influenced by the way students think enhancing their life experiences and to impact their present and future decision-making. *Knowledge is the foundation. Discover. Experience. APPLY.*

Department Vision

The vision of the Business Education Department is to provide students the opportunity to apply their academic learning to everyday living. The curriculum provides students with diverse courses that are rigorous, relevant, and authentic. We hope to offer students the opportunity for learning that will enhance their ability to see connections between what is learned and the relevance of that learning. Whether college-bound or ready to enter the workforce, our students will be prepared. The Business Education Department will stay informed regarding the current changes to technology, and will continue to incorporate those changes into the curriculum; as a result, our students will be equipped with the ability to transfer their computer literacy to all areas of study. Our students will be presented with opportunities that will allow them not only to become engaged learners but productive future members of society. As a result of their learning, our students will have the opportunity to be responsible and independent adults ready for wherever their post-high school journey leads them.

Are You College Bound? The best preparation for your college coursework is a major in business education at the high school level. Be certain that your major in high school is complemented with electives that will help you attain your goals, whether you are planning a career in Accounting, Advertising, Information Processing, Insurance, Sports Marketing, Business Management, Human Resources, Retail, Sales, Computer Technology or Education.

SUGGESTED COURSE SEQUENTIAL PROGRAMS FOR CAREERS IN BUSINESS EDUCATION

Accounting/Finance
**Accounting (10-12)
Digital Literacy (9-12)
Investment Management (11-12)
AP Marco/Micro Economics (11-12)
Business Enterprise (Virtual Enterprise International) (10-12)
**Articulated COD credit available– see page 14

Marketing
Digital Literacy (9-12)
Business Orientation (9-10)
Sports Marketing & Entertainment (10-12)
Business Internship (11-12)
Business Enterprise (Virtual Enterprise International) (10-12)

Business Administration
Business Law (10-12)
Business Orientation (9-10)
Business Internship (11-12)
Digital Literacy (9-12)
Business Enterprise (Virtual Enterprise International) (10-12)

Economics
Accounting (10-12)
AP Macro/Micro Economics (11-12)
Investment Management (11-12)
Digital Literacy (9-12)
Junior/Senior Career Survey (11-12)

** Articulated Credit available through the College of DuPage

ACCOUNTING - SEQUENTIAL
CODE: 1st Semester 7041 2nd Semester 7042
A recent survey given to college students asking the course **they wished they had taken in high school** showed the most frequent response to be ACCOUNTING. Accounting is recession proof; it is one of the areas in the job market that continues to grow at a rapid pace. This course creates an awareness of the importance of accounting in the contemporary business organization and introduces students to the fundamentals of processing data and to special accounting and financial reporting procedures. The computer will be used on selected accounting applications. The classroom environment is set up as if in a corporate setting. A group simulation in which accounting records are maintained for a small business concludes the course. Accounting is an important course that will give you a solid background for further study in college, prepare you for a job and provide you with an understanding of how financial decisions are made. This course provides students with a basic understanding of the elements of financial records, systems and procedures. Students will also be encouraged to attend a field trip to the Grant-Thornton Accounting Firm.
****Articulated College Of DuPage Credit Possible**
(see pg. 14)
Levels: 10, 11, 12 Semesters: 2 Credit: 2
***Required workbook fee: $35.00**

Business Enterprise (Virtual Enterprises International)
CODE: 1st Semester 7007 2nd Semester 7008
Virtual Enterprises International is a comprehensive business course offered to junior and senior business students. This exciting course will give students an opportunity to plan and operate a virtual business from the ground up. Students will work in various departments, which include Accounting, Marketing & Design, Sales/Purchasing, Human Resources and Administration. Unlike a traditionally taught high school course, the teacher in this class guides the students as they make all decisions relating to their business. Students will have the opportunity to travel to Tennessee for a trade show. Any student planning on pursuing a business career should sign up for this course.
Prerequisite: None
Levels: 11,12 Semesters: 2 Credit: 2

AP MACROECONOMICS
CODE: 1st Semester 2098
This first semester course examines various methods in which society reacts to developments that occur in our economy, and represents an introductory college-level Macroeconomics course. Economic issues that once plagued our economy, such as high unemployment rates, home foreclosures, and our $20 trillion national debt, are a few of the many topics of discussion. Students will apply economic theory that is presented in class in an effort to provide solutions to the various economic problems that can exist. Students will have an opportunity to earn college credit by taking an AP examination in the spring, and successful completion of this course will fulfill the Consumer Education graduation requirement.

NOTE: It is recommended that you have either taken Algebra 2 or are taking it concurrently with this course.
Levels: 11, 12 Semesters: 1 Credit: 1

AP MICROECONOMICS
CODE: 2nd Semester: 2097

AP Microeconomics is a second semester course that examines how individuals (such as consumers and producers) make decisions and how these decisions affect our everyday lives. Topics discussed include the forces of supply and demand, costs of production, consumer choice, behavioral economics, and the role of government. Students who enroll in this course will have the opportunity to earn college credit by taking an AP examination in the spring**.**
Prerequisite: AP Macroeconomics

NOTE: It is recommended that you have either taken Algebra 2 or are taking it concurrently with this course.
Levels: 11, 12 Semesters: 1 Credit: 1

CONSUMER EDUCATION
CODE: 7075
Do you feel that you are ready for life after high school? Are you confident that you will have enough money to support yourself and live the type of lifestyle you want to live? By enrolling in Consumer Education, you will take the first step in preparing for a successful future by learning how to manage credit, invest for retirement, and budget everyday expenses. Students will also complete projects on buying a new home and buying a new or used car. Students will gain a greater understanding of basic economic concepts so they can make informed buying decisions and learn how to manage their money.
Levels: 11, 12 Semesters: 1 Credit: 1
Note: This Course Meets The Consumer Education Graduation Requirement.

SPORTS AND ENTERTAINMENT MARKETING
CODE: 7131
Marketing is the tool that has allowed the United States economy to be one of the most successful in the world. Nearly one of every two Americans is employed in this field. Sports and entertainment are important parts of our modern economy. Fans and companies spend billions of dollars each year on sports. Entertainment is one of the largest exports from the United States to the rest of the world. This course will guide students on a step-by-stop journey through the foundations of marketing – information management, financing, pricing, promotion, product/service management, distribution and selling. This course is recommended for students who plan to study marketing or business administration in college.
Levels: 10, 11, 12 Semesters: 1 Credit: 1

INVESTMENT MANAGEMENT
CODE: 7096
This course is designed to introduce students to the complex world of the stock market. Students enrolled in this course will have the opportunity to learn about financial planning, stocks, mutual funds, futures and options, and other types of investments. Simulations, such as participating in a virtual stock exchange, will provide hands-on experience to the "ups and downs" of financial markets. Other topics of discussion will include investment philosophies, identifying and managing risk, and strategies to effectively analyze companies. Any student interested in the business field should find that this course will build a strong foundation for their personal and future interests.
Levels: 11, 12 Semesters: 1 Credit: 1

BUSINESS LAW
CODE: 7095
Business Law involves those consumer laws which affect all who live in a business-oriented society. Cases, skits, and illustrations are used to help students understand laws relating to contracts, employment, marriage, apartment leases, buying a home, family insurance, buying and insuring a car, sales, warranties, credit buying, borrowing money and more. Personal experiences of students and current events are also used in class discussions. Be prepared to participate in a mock trial where you will have the opportunity to apply what you have learned.
Levels: 10, 11, 12 Semesters: 1 Credit: 1

APPLIED BUSINESS MATH
CODE: 1st Semester 7140 2nd Semester 7141
This course will fulfill the second-year Mathematics requirement through hands-on computer training using varied software and mathematical applications. Students will use practical applications in their coursework and will experiment with diverse problem-solving approaches to come up with possible conclusions. Basic mathematical skills will be reviewed and business math concepts will be introduced. Pre-Algebra, Algebra and Geometry are also included. Students will apply their learning and perform a variety of effective operations through the use of current technology. Students who successfully complete this course will receive credit for the second year of the two-year mathematics requirement needed for graduation from Fenton High School. Students will develop the mathematical skills necessary for successful daily living.
Prerequisite: Students must have successfully completed the first year of their two-year Mathematics requirement.
Level: 10, 11, 12 Semesters: 2 Credits: 2

DIGITAL LITERACY
CODE: 7210
This hands-on computer lab prepares students to use computer technology in an effective and appropriate manner. Students develop knowledge in word processing, spreadsheets, presentation and communications software (Microsoft Office 2010, Google Apps). The Internet will be utilized as an additional resource for the completion of various activities within the classroom. Technology is changing rapidly – don't get left behind. The course is **strongly recommended** for college-bound students as well as students interested in entering the work force after high school. This course is designed to teach skills that students can use throughout their four years of high school and for personal use. Knowing how to key efficiently in college is a must. No matter what profession you choose, you will be working with computers; therefore, this course is a life skill necessity. Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credit: 1

PLEASE NOTE: This course is designed to meet the general education needs of students. It is not intended to prepare students for future employment.
****Articulated College of Du Page credit possible (see pg. 14)**

BUSINESS ORIENTATION - NON-SEQUENTIAL
CODE: 1st Semester 7001 2nd Semester 7002
Business Orientation is an introductory course that examines different aspects of the business world. Topics of discussion include owning and operating a business, the production of goods and services, marketing and advertising products, and the management of financial documents and data. Students will gain an insight as to how our economy operates and will have an opportunity to research different careers in the business field. The second semester of the course focuses on consumer behavior and will help prepare students for life after high school.
NOTE: This course, when taken for a full year, meets the Consumer Education graduation requirement.
Prerequisite: None
Levels: 9, 10, Semesters: 1 or 2 Credit: 1 or 2

JUNIOR/SENIOR CAREER SURVEY
CODE: 7006
Are you ready to begin planning your course of action after high school or in the process of gathering information about college or career options? ***Then this course if for you***! Learn to develop your interests and abilities and match them to college and career options. You will be given the opportunity to wisely choose a college major and/or career that best fits you and your personality. You will take interest and ability surveys, match your results to appropriate college majors and careers, and then you will have the opportunity to find out more information about those colleges or careers. In the end, you will have a realistic plan for a successful future.
Levels: 11, 12 Semesters: 1 Credit: 1

BUSINESS INTERNSHIPS

BUSINESS INTERNSHIP 1
CODE: 1st Semester 7220 2nd Semester 7221
Business Internship is a program of instruction that prepares students for successful employment in a wide variety of business occupations. Students work part-time in local business establishments to provide practical learning experiences while earning a paycheck at the same time (a minimum of 15 hours of work per week is required). Under this arrangement, supervised occupational experiences in authentic office or marketing environments are supplemented with classroom instruction. A one-hour-per-day related class provides the students with the academic knowledge necessary to function effectively on the job. Students learn the desirable character traits and proper attitudes necessary to strengthen their employability skills. Students will develop desirable employee characteristics, attitudes, and responsibility as they improve job/career advancement skills.
Prerequisite: Approval of the teacher-coordinator.
NOTE: This course meets the consumer education requirement for graduation.
Levels: 11, 12 Semesters: 2 Credits: 4

ENGLISH

Philosophy

The study of English encompasses all areas of communication - reading, writing, speaking, listening - as well as the various literary genre - the short story, the novel, poetry, and drama. The Fenton High School English program balances essential skill practice with interpretive analysis in order to provide the individual student with the understanding of language, literature, and media necessary to think critically, communicate effectively, and solve problems creatively. While it is the teacher's role to motivate the student and to stimulate learning, it is the student's responsibility to participate actively and to work willingly in order to develop his or her potential. Thus, the refinement of essential communication skills depends upon commitment on the part of both the student and the teacher. In every class, the student is involved in self-awareness and critical thinking as he or she reads, writes, listens, and synthesizes concepts.

Requirements and Recommendations

Eight (8) semesters, eight credits, are required of all students. All students must satisfactorily complete English 1 or Accelerated English 1; English 2 or Accelerated English 2; and English 3, American Heritage or AP English 3. Freshmen identified as having a need for reading improvement may be required to take Academic Literacy 1, as directed by the reading coordinator. Academic Literacy 2 may be required for students needing further reading and writing instruction. The remainder of the English requirement may be fulfilled by selecting from a variety of elective courses, depending upon individual needs and abilities. The following advanced courses provide advantageous background for college level literary analysis and critical writing: British Literature, Twentieth Century Literature, Advanced Placement American Writers and Advanced Placement Seminar in English.

Beginning with the class of 2010, students must successfully complete two (2) writing intensive courses in order to graduate. These requirements are met through required course work in English, including all levels of English 1, all levels of English 2, and all levels of English 3. In the summer of 2008, the Fenton High School English department implemented a summer reading program. Beginning with the class of 2012, all students will be required to participate in the program. Further information will be forthcoming.

REQUIRED COURSES

ENGLISH 1
CODE: 1st Semester 5001 2nd Semester 5002
The English I program provides an extensive introduction to skills essential to the English Curriculum. During semester A, students analyze the short story and the novel as forms of literature and work on grammar, paragraph development, and the construction of an essay. During semester B, poetry, mythology, and drama are studied and students continue composition practice with essay writing. Both semesters provide intensive work with reading skills, vocabulary, sentence structure, and writing intensive content.
Students will be required to purchase a grammar book.
Prerequisite: None
Level: 9 Semesters: 2 Credits: 2

ACCELERATED ENGLISH 1
CODE: 1st Semester 2006 2nd Semester 2007
This accelerated course for selected students combines the analysis of challenging literature with the development and refinement of vocabulary acquisition and writing skills through an expanded English I reading list. Designated summer and winter reading projects are required. Students are selected for this course based upon standardized test scores, teacher recommendations, and samples of written work.
Students will be required to purchase a grammar book and a vocabulary book.
Prerequisite: Recommendation of the English department chair and the 8th grade English team
Level: 9 Semesters: 2 Credits: 2

ACADEMIC LITERACY 1
CODE: 1st Semester 2018 2nd Semester 2019
Academic Literacy I will be taken in addition to English I to address the literacy needs of freshman students whose literacy skills are deemed below college and career readiness benchmarks as evidenced by EPAS and MAP data. Academic Literacy I will provide support for those students with reading and writing assistance as they enter freshman year, equipping students with the additional literacy skills applicable across the content areas. Students will be immersed in literacy through intensive reading, writing, speaking, and listening activities that support the Common Core Standards and reinforce college and career readiness skills. The students will be enrolled in this course for a full year with the opportunity to test out mid-year. Those students who do not meet the exit requirements will be required to remain in the course for the duration of the year. Students who successfully pass the course will receive one elective credit per semester.
Prerequisite: Recommendation of the curriculum director, English department chair, reading coordinator, and the 8th grade English team
Level: 9 Semesters: 2 Credits: 2

ENGLISH 2
CODE: 1st Semester 5009 2nd Semester 5010
This course aligns directly with the Common Core for English Language Arts and is designed to help students improve reading, writing, speaking, listening and analytical skills through world literature and various genres. Assignments will focus on writing appropriately for different occasions, audiences, and purposes. Activities and assignments will afford students the opportunity to expand their vocabulary, refine their responses to literature and their understanding of various media, and improve their speaking, listening, and presentation skills. Writing assignments will continue to improve students' essay writing, research and rhetorical skills.
Prerequisite: English 1 or Accelerated English 1
Level: 10 Semesters: 2 Credits: 2

ACCELERATED ENGLISH 2
CODE: 1st Semester 2008 2nd Semester 2009
This course aligns directly with the Common Core for English Language Arts and is designed to help students improve reading, writing, speaking, listening and analytical skills through world literature and various genres, at a more in depth level. This rigorous course is designed to help students prepare for Advanced Placement courses at the junior and senior level. Assignments will focus on writing appropriately for different occasions, audiences, and purposes. Activities and assignments will afford students the opportunity to expand their vocabulary, refine their responses to literature and their understanding of various media (including media bias), and improve their speaking, listening, and presentation skills. Writing assignments will continue to improve students' essay writing, research and rhetorical skills. Accelerated English 2 contains an enriched curriculum that is more challenging; therefore, students must be self-disciplined and willing to
adhere to a high standard of excellence in their coursework. Suggested requirements for enrolling in Accelerated English 2 are a recommendation from the English 1 instructor, sufficient EPAS test scores, and a possible writing sample.
Prerequisite: English 1, and recommendation of the English department
Level: 10 Semesters: 2 Credits: 2

ACADEMIC LITERACY 2
CODE: 1st Semester 2023 2nd Semester 2024
Academic Literacy 2 will be taken in addition to English 2 to address the literacy needs of sophomore students whose literacy skills are deemed below college and career readiness benchmarks as evidenced by EPAS and MAP data, progress in English 1, Academic Literacy 1, Reading Strategies or Edge English, and teacher recommendation. Academic Literacy 2 will provide support literacy support (e.g. assistance in reading and writing) for students as they enter sophomore year, equipping students with additional literacy skills applicable across the content areas. Students will be immersed in literacy through intensive reading, writing, speaking, and listening activities that support the Common Core Standards and reinforce college and career readiness skills. The students will be enrolled in this course for a full year with the opportunity to test out mid-year. Those students who do not meet the exit requirements will be required to remain in the course for the duration of the year. Students who successfully pass the course will receive one elective credit per semester.
Prerequisite: Recommendation of the curriculum director, English department chair, reading coordinator, English 1 teacher, and Academic Literacy 1 teacher.
Level: 10 Semesters: 2 Credits: 2

ENGLISH 3 – LANGUAGE AND COMPOSITION
CODE: 1st Semester 5178 2nd Semester 5179
This two-semester course focuses on the study of American literature in combination with extensive practice in composition. Students will explore works of poetry, fiction, non-fiction, and drama spanning the course of American history from the colonial period to the present day. In addition, this course offers students the opportunity to increase writing skills in order to meet greater success in freshman college rhetoric classes.
Prerequisite: English 2 or Accelerated English 2
Level: 11 Semesters: 2 Credits: 2

AP ENGLISH 3 – LANGUAGE AND COMPOSITION
CODE: 1st Semester 2013 2nd Semester 2014
The Advanced Placement section of this course will consist of the intrinsic elements of standard American literature and composition as well as practice and preparation for the English Language Advanced Placement Exam as outlined by the College Board. The selected literature of the class will deviate little from the standard course, but throughout the year more challenging supplementary texts and assignments will be utilized. Writing in this course will be focused more intently upon the subtle mastery of tone, style and writer's voice, and will be evaluated with appropriately elevated criteria.
Prerequisite: Recommendation of the English department based on class performance, writing samples, and student application
Level: 11 Semesters: 2 Credits: 2

AMERICAN HERITAGE
CODE: 1st Semester 5193 2nd Semester 5194
This combined studies course fulfills the requirements for both American History and American Literature. In addition to the traditional historical and literary content, the American Heritage course provides the opportunity for interested students to further explore the cultural and artistic influences that helped to shape our nation. This course also includes the major elements of Pre-College Composition, thus allowing students to develop more sophisticated writing skills. This class will meet in a two-period block for two semesters.
Level: 11 Semesters: 2 Credits: 4 (2 English and 2 Social Studies)

COLLEGE PREPARATORY COURSES

BRITISH LITERATURE
CODE: 5045
This course, which is highly recommended for the college-bound student, focuses upon a study of the fiction, drama and poetry of such authors as Chaucer, Shakespeare, Donne, Milton, Keats, Wordsworth, Bronte, Dickens, and others. Students will explore the development of British literature in relationship to political, cultural, social, and religious trends. This course is recommended for students planning to enroll in Advanced Placement Seminar.
Prerequisite: English 3, which may be taken concurrently
Levels: 11, 12 Semesters: 1 Credits: 1

TWENTIETH AND TWENTY-FIRST CENTURY LITERATURE
CODE: 5055
This course, intended for the college-bound student, focuses upon a study of world literature of the twentieth century, revealing the human predicament as viewed in short stories, poetry, drama, and novels. Students will also choose books to read outside of class in conjunction with skill-based reading instruction to prepare them for the demands of college reading. This course is recommended for students planning to enroll in the Advanced Placement Seminar.
Prerequisite: English 3, which may be taken concurrently
Levels: 11, 12 Semesters: 1 Credits: 1

AP ENGLISH 4 – LITERATURE AND COMPOSITION
CODE: 1st Semester 2027 2nd Semester 2028
AP English Literature & Composition class engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language both to provide meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone (College Board).
Prerequisite: Recommendation of the English department based on class performance, writing samples, and student application
Level: 11 Semesters: 2 Credits: 2

COURSES DESIGNED TO MEET INDIVIDUAL NEEDS

ACTING
CODE: 5051
This activity class teaches the fundamentals of acting - movement, improvisation, pantomime, and ensemble performance. Students must be willing to memorize and perform monologues and scenes. Since this is a performance class, student self-discipline is essential, and consistent attendance is mandatory. Inconsistent attendance may result in reduction of the student's grade. Students are required to attend current Fenton High School theatre productions.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1

THEATRE
CODE: 5135
This course is designed to increase a student's knowledge about all aspects of theatre: acting, makeup, costuming, scene design, publicity, theatre history, and play reading. Students are required to attend current Fenton High School theatre productions.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1

SCIENCE FICTION
CODE: 5095
Today's students have grown up in a world that promises exhilarating advances on the one hand and threatens extinction on the other. The exciting body of literature and film known as science fiction takes students on an excursion into imaginary worlds exploring social, political, and ethical issues to provide new perspectives with which to consider the future. Readings and films for this class include works of pure fantasy and escapism; they also examine possible positive and destructive implications of scientific achievements. In this way, the science fiction elective gives students purpose as they slide at breakneck speed into the potential wonders - and horrors - of the future.
Prerequisite: English 1
Levels: 10, 11, 12 Semesters: 1 Credits: 1

CREATIVE WRITING
CODE: 5105
Creative Writing is an elective course for students who wish to express themselves imaginatively in writing. Reading models and keeping a journal furnish sources of ideas for expression; students work with prose forms of description and narration and writing techniques such as the use of images, sensory details, and symbols. Students work independently on completion of plays, short stories, and poetry; therefore, student self-discipline is required . Students will share work aloud and revise writing. Students will also be expected to submit at least one work to a publication.
Prerequisite: English 2 or Accelerated English 2
Levels: 11, 12 Semesters: 1 Credits: 1

FILM AND MEDIA ANALYSIS 1
CODE: 5166
Film and Media Analysis is a course which covers the early years of film and media and introduces students to the basics of cinematic formal elements, genre, and narrative structure. These skills help students recognize, analyze, and think critically about the interrelationship between film & media. To understand how films are constructed to make meaning and engage audiences, students will be introduced to the basic "building blocks" of film technique: narrative, mise-en-scene, cinematography, sound and editing. Film and Media Analysis 1 and 2 are no-sequential: the student may elect either or both semesters.
Prerequisite: English 2 or Accelerated English 2
Levels: 11, 12 Semesters: 1 Credits: 1

FILM AND MEDIA ANALYSIS 2
CODE: 5176
Film Study II offers a variety of films from the 1940s to the present day, focusing on filmmaking as a serious art form. Along with studying the role of film directors as the chief creative talent behind the camera, a wide variety of film genres are explored. The emphasis is on analysis and understanding of film to help develop in students evaluative criteria for all film. Film Study 1 and 2 are non-sequential; the student may elect either or both semesters.
Prerequisite: English 2 or Accelerated English 2
Levels: 11, 12 Semesters: 1 Credits: 1

LIFESTYLES IN LITERATURE
CODE: 5115
Our society is a complex structure of many different groups and lifestyles, and we as a society have come to expect certain behaviors from men, women, the aged and the young. How does our society pressure people into filling certain slots, and in what ways are these expectations changing? The emphasis of this course will be on what women and men, young and old, think about themselves and each other as seen in contemporary society. The reading, writing and discussion involved in this course will help students explore their own sensibilities and express feelings about themselves and others. Since much of the work is done within the classroom, student self-discipline, verbal participation, and cooperation are essential. Completion of essays and various projects throughout the semester are required to pass the course.
Prerequisite: English 2 or Accelerated English 2
Levels: 11, 12 Semesters: 1 Credits: 1

FAMILY AND CONSUMER SCIENCES

Philosophy

Family and Consumer Sciences is a field of knowledge and service concerned with preparing people for independence, family, employment, and life by applying knowledge from a variety of educational disciplines. Courses in this department are designed to develop the total well being of the students, empowering them to become a healthy, well adjusted, self-confident, productive individual, family member, and employee.

In order to enhance individuals and their families, Family and Consumer Sciences programs are supplemented and revised to meet societal changes. All students should be equipped with the life skills necessary to improve the quality of the physical, psychological, and social aspects of life for themselves and others.

Family and Consumer Sciences courses can prepare students for careers including, but not limited to, Child Care and Development, Early Childhood Education, Food Service and Hospitality, Nutrition, Health Related Occupations, Social Work, Fashion Construction and Merchandising, and Personal and Family Finance. Thinking creatively, making decisions, relating to and communicating with others, and utilizing scientific research and technology are necessary for individuals and workers in an ever-changing global society. Knowledge and skills from Family and Consumer Sciences are needed for today and in the future in order to lead a balanced life.

SUGGESTED COURSE SEQUENTIAL PROGRAMS FOR CAREERS IN FAMILY AND CONSUMER SCIENCES

CHILD CARE/HUMAN DEVELOPMENT
Parenting: 9, 10, 11, 12
Preschool 1: 10, 11, 12
Preschool 2: 11, 12
Psychology and Contemporary Living: 11, 12
Fitness & Nutrition: 11, 12
Family & Consumer Sciences Internship: 11, 12
Career Internship: 11, 12

CULINARY ARTS
Chefs: 9, 10, 11, 12
Foreign Foods: 9, 10, 11, 12
Mini-Restaurant: 9, 10, 11, 12
Fitness & Nutrition: 11, 12
Family & Consumer Sciences Internship: 11, 12
Career Internship: 11, 12
Senior Foods: 12

HOME FURNISHINGS MERCHANDISING
Family & Consumer Sciences Internship: 11, 12
Career Internship: 11, 12

CONSUMER EDUCATION
Consumer Education/ Independent Living: 11, 12
Family & Consumer Sciences Internship: 11, 12
Career Internship: 11, 12

***CONSUMER EDUCATION*:**

CONSUMER EDUCATION/INDEPENDENT LIVING
CODE: 7385
Are you ready to live on your own? This course is designed to make sure you can successfully live independently. This one-semester course covers topics such as: buying a car, renting an apartment, buying a house, using credit cards wisely, balancing a checkbook, budgeting and investing your money, understanding insurance, and exploring issues related to nutrition. Teaching strategies include internet exploration, guest speakers, simulation activities, and field trips. Once this class is completed, you will have a better understanding of all the consumer issues adults deal with on a daily basis.
Prerequisite: None
NOTE: This course meets the consumer education requirement for graduation.
Levels: 11, 12 Semesters: 1 Credits: 1

FAMILY AND CONSUMER SCIENCES INTERNSHIP 1 - SEQUENTIAL
CODE: 1st Semester 7501 2nd Semester 7502
Family and Consumer Sciences Internship I students work part time in the community at paying jobs. It is a program of instruction preparing students for successful employment in areas related to Family and Consumer Sciences, such as food service, fashion, child care and development, housing, interior design, and the hospitality industry. Students work for an outside employer under the guidance of a teacher coordinator and receive on-the-job training in all aspects of the program in which they are working. The student also has a related class hour in school to plan for and discuss experiences on the job and in the work world. Class activities include units related to career selection, positive job habits, relationships and attitudes, and consumer economics. Credit is earned for both job and class. This course is intended to help students acquire the leadership skills and confidence necessary to succeed in the world of work. It is intended to be a two-semester program.
Prerequisite: Approval of the teacher coordinator
NOTE: This course meets the consumer education requirement for graduation.
Levels: 11, 12 Semesters: 2 Credits: 4

FAMILY AND CONSUMER SCIENCES INTERNSHIP 2 - SEQUENTIAL
CODE: 1st Semester 7551 2nd Semester 7552
Family and Consumer Science Internship 2 is a continuation of Family and Consumer Sciences Internship 1. Students will refine and enhance the consumer and occupational skills learned in Family and Consumer Sciences Internship 1. Students will also be given the opportunity to benefit from an in-depth study of career-related goals in order to develop personally and professionally, and to raise their employability.
Prerequisite: Approval of the teacher coordinator
NOTE: This course meets the consumer education requirement for graduation.
Level: 12 Semesters: 2 Credits: 4

CAREER INTERNSHIP
CODE: 7620
Are you ready to step into a lifelong career choice? The Fenton High School Career Internship class will provide students with an exciting opportunity for hands on career exploration in any interest area. Students will volunteer to spend approximately 50 to 75 hours during a twelve-week period with a mentor at a sponsoring site. Students will observe daily operations, dialogue with personnel and contribute to the activities of an organization. Students will spend the first three weeks of the program working on career exploration activities. During the next twelve weeks students will spend four to five hours per week with their mentor. The final three weeks of the semester will be spent sharing and evaluating the internship experience. Students who choose to participate in Career Internship make a **commitment** to Fenton and their sponsoring site.
Prerequisite: GPA of 2.0 or better, teacher or counselor recommendation, and approval of the instructor. **Students must provide their own transportation.**
Levels: 11, 12 Semesters: 1 Credits: 1

CULINARY ARTS COURSES:

CHEFS
CODE: 7305
Enjoy food? Want to cook? Want to be healthy? This class offers the opportunity to plan, prepare, serve and enjoy the food you cook. Food units of study include preparing foods such as quick breads, dairy, eggs, yeast breads, meats, cookies, fruits, and vegetables. Practicing safe, sanitary, and efficient work habits, along with working cooperatively in group situations are stressed. Emphasis will be placed on current consumer food trends, nutritional labeling, and awareness of My Plate as it relates to meal planning and meeting daily nutritional needs.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Lab Fee: $5.00

FOREIGN FOODS
CODE: 7315
Foreign Foods is a culinary tour of the world—an adventure into advanced food preparation skills. Expand your horizons and broaden your knowledge of other countries as you develop an appreciation of international food customs and practices. You will prepare foods and meals from various regions of the United States and other countries, such as France, China, Mexico, Italy, Germany, Ireland, etc.
Prerequisite: Chefs
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Lab Fee: $5.00

MINI-RESTAURANT
CODE: 7325
Are you interested in one of today's fastest growing industries? Would you like to know what goes on behind the scenes at a restaurant? Students in this class will operate and manage a restaurant. Students will have the opportunity to learn advanced food preparation techniques, develop menus, be involved in promotion and advertising, and experience other aspects of the restaurant industry. This class will help develop a better understanding of food production and food service establishments.
Prerequisite: Chefs
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
Lab Fee: $5.00

FITNESS AND NUTRITION – SEQUENTIAL
CODE: 1st Semester 8073 2nd Semester 8074
Fitness and Nutrition is a course that combines fitness activities and a food lab experience. It emphasizes a healthy lifestyle and helps students attain their fitness goals. Students will be exposed to a variety of physical activities such as circuit training, weight training, and cardiovascular endurance training. Some sports units will also be included in this course. Students will understand how to make fitness part of their daily routine. Students will also learn the role of nutrition in a healthy lifestyle. Food lab experiences incorporate developing and preparing tasty, healthy food. After completing this course, students will know how to exercise without using an expensive health club and have a wellness plan for life.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2
Lab Fee: $5.00
NOTE: Students may take one or two semesters. Students will earn a Physical Education credit.

SENIOR FOODS
CODE: 7314
Seniors, this course is designed especially for YOU! It won't be long until you are on your own. In this class you will have the opportunity to learn survival skills regarding food preparation and nutrition. You will plan and prepare 30 minute meals, delicious dorm foods, meals for two, low cost meals, and compete in a Restaurant Battle. Learn to make wise decisions while eating out as well as adult world etiquette. Food, Fun, & Friends!
Prerequisite: None
Levels: 12 Semesters: 1 Credits: 1
Lab Fee: $5.00

***CLOTHING COURSES*:**

FASHION WORKSHOP 1
CODE: 7335
This class is designed to introduce students to the exciting world of fashion. Emphasis in this lab course is on clothing construction. Experience in the selection, construction, maintenance, and alteration of clothing is provided. Other topics include today's fashion, buying clothes, wardrobe care, introduction to textiles, and personal fashion analysis.
Prerequisite: None
NOTE: Students must purchase all fabrics, patterns, and supplies they use.
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
**Articulated College of DuPage credit possible (see pg.14)

FASHION WORKSHOP 2
CODE: 7345
This course is designed to guide the students' individual projects to a more advanced level. Students will refine their sewing skills and incorporate new techniques needed in the fashion industry into their construction portfolios. Units of study include fashion influences and trends, design in fashion, history of fashion, textiles, careers in fashion merchandising, personal fashion analysis, and advanced clothing construction.
Prerequisite: Fashion Workshop 1 or instructor consent
NOTE: Students must purchase all fabrics, patterns, and supplies they use.
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1
**Articulated College of DuPage credit possible (see pg.14).

***CHILD CARE/HUMAN DEVELOPMENT*:**

PARENTING (PUPS) - SEQUENTIAL
CODE: 1st Semester 7301 2nd Semester 7302
What's it like to be a parent? This course gives you the opportunity to find out! Two days a week students will work with preschool age children to discover the roles, responsibilities, and the impact of parenting. Through lab experience and group discussions students will focus on the growth and development levels of an individual ranging from conception through adolescence, teen parenting, and family planning. Proper care of children, safety, health, play, toy selection, discipline, and child abuse are additional topics included.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2
**Articulated College of DuPage credit possible (see pg. 14)

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PRE-SCHOOL 1 - SEQUENTIAL
CODE: 1st Semester 7401 2nd Semester 7402
What better way to learn about preschool children than to help manage the Fenton Preschool! Students will gain experience planning curriculum and teaching 15 preschool children throughout the year. This real-life opportunity will help students gain knowledge of children's motor skills, cognitive development, and social-emotional growth. Students are given the opportunity to analyze their own job qualifications and explore child-care related career options. A trip to the Kohl Children's Museum is one of the highlights of this class.
Prerequisite: Parenting (PUPS)
Levels: 10, 11, 12 Semesters: 2 Credits: 2
**Articulated College of DuPage credit possible (see pg. 14).
This course offered for Dual Credit with the College of Dupage.
NOTE: 3 credit hours through the College of DuPage will be available.

PRE-SCHOOL 2 - SEQUENTIAL
CODE: 1st Semester 7403 2nd Semester 7404
If you enjoyed Preschool and wish to gain more valuable experience working with children, this course is for you. Students who take this course will take a leadership position teaching in Fenton's Preschool and will also have the opportunity to work with elementary school children. Students will become familiar with a variety of teaching methods and materials, early childhood learning theories, and have an opportunity to further develop their portfolio.
Prerequisite: Preschool 1 and approval of the instructor
Levels: 11, 12 Semesters: 2 Credits: 2
**Articulated College of DuPage credit possible (see pg. 14).

PSYCHOLOGY AND CONTEMPORARY LIVING
CODE: 7375
This course presents a fresh look at life in today's world. It is the study of the foundations of the adult personality, which includes developing communication and problem solving skills, dating, mate selection, future lifestyles, marriage, parenthood, retirement, aging, death, and family crisis. Students may opt to participate in the Baby Think It Over program, an infant simulation project.
Prerequisite: None
NOTE: It is recommended that the student consider taking Independent Living opposite Psychology and Contemporary Living for a full year sequence.
Levels: 11, 12 Semesters: 1 Credits: 1

MATHEMATICS

Philosophy

The Mathematics Department provides for the mathematical needs of students with various degrees of ability, mathematical training, interest and initiative by offering a wide range of courses in which emphasis is placed on understanding, insights, and problem-solving, as well as on computational skills. The Mathematics Department believes that the beginning through advanced work in mathematics available at Fenton High School will contribute to the development of the students to their potential, and thus give them the necessary mathematical skills and concepts that will enable them to be competitive regardless of their future endeavors.

Recommendations

To be successful in the study of mathematics, it is imperative that students:

(1) attend class every day;
(2) be attentive and responsive to class activities,
(3) complete all homework assignments with understanding; and
(4) successfully complete all quizzes and tests.

Students should enroll in the mathematics course that is in keeping with their ability and as recommended by their previous mathematics teacher. We strongly urge each student to have his/her own calculator, scientific or graphing, as recommended by their teacher.

Graduation Requirements

Beginning with the Class of 2009, students are required to successfully complete three (3) years of mathematics in order to graduate. Students must complete Algebra I and course work with Geometry content.

ALGEBRA AND TRIGONOMETRY- SEQUENTIAL
CODE: 1st Semester 5457 2nd Semester 5458

Algebra and Trigonometry is designed to reinforce and expand algebraic concepts. The following advanced algebra topics will be covered during this year long mathematics course: solving equations; systems of linear equations; quadratic equations; operations with polynomials; radicals; quadratic relations and systems; conic sections; exponential functions, logarithms and trigonometry. It is required that each student have his/her own TI-83 Plus to TI-84 Plus calculator for this course. On the average, students should expect up to 5 hours of homework per week.

Prerequisite: Fundamentals of Geometry or teacher recommendation. Students that have earned credit in any course at or above Algebra 2 may not take this course for credit.

Levels: 11, 12 Semesters: 2 Credits: 2

COLLEGE ALGEBRA- SEQUENTIAL
CODE: 1st Semester 5459 2nd Semester 5460

College Algebra is designed to prepare students for a college credit-bearing mathematics courses when they enter college. Successful completion of the course will prepare students to take the college placement test (COMPASS). College Algebra will expand on algebraic concepts with a concentration on the following topics: solving equations; systems of linear equations; quadratic equations; operations with polynomials; radicals; quadratic relations and systems; rational functions; exponential functions; and logarithms. It is required that each student have his/her own TI-84 Plus calculator for this course. On the average, students should expect up to 5 hours of homework per week. Students that have earned credit in any course at or above Algebra II may not take this course for credit with out a teacher recommendation.

Prerequisite: Algebra and Trigonometry or Teacher Recommendation

Levels: 12 Semesters: 2 Credits: 2

ALGEBRA (Part 1) - SEQUENTIAL
CODE: 1st Semester 5411 2nd Semester 5412

This course is designed for those students without the necessary skills for placement in Algebra 1. Included are some of the topics covered during the first semester of the Algebra 1 course. In addition, time is spent on upgrading arithmetic skills. Successful completion of this course gives students 2 of the 6 credits of mathematics required for graduation from Fenton High School, but only one-half of the Algebra 1 credit needed for entrance into most colleges. In order to complete the Algebra 1 credit needed for entrance into most colleges, students should enroll next in Algebra (Part 2). On the average, students should expect up to 3 hours of homework per week.

Prerequisite: None

Levels: 9, 10 Semesters: 2 Credits: 2

ALGEBRA (Part 2) -SEQUENTIAL
CODE: 1st Semester 5421 2nd Semester 5422

As a continuation of Algebra (Part 1), the material covered in this course is similar to that covered during the second semester of the Algebra 1 course. Students successfully completing Algebra (Part 2) are eligible to enroll in Fundamentals of Geometry. On the average, students should expect up to 3 hours of homework per week.

Prerequisite: Two semesters of Algebra (Part 1) or equivalent.

Levels: 10, 11 Semesters: 2 Credits: 2

ALGEBRA 1 - SEQUENTIAL
CODE: 1st Semester 5431 2nd Semester 5432

Algebra 1 is primarily concerned with algebraic vocabulary, basic manipulations with polynomials and rational algebraic expressions, solutions to linear and quadratic equations, inequalities, word problems that illustrate a variety of practical applications of algebra, laws of exponents, graphing of linear functions, and the simultaneous solution of 2 linear equations in 2 unknowns. On the average, students should expect up to 5 hours of homework per week.

Prerequisite: None

Level: 9 Semesters: 2 Credits: 2

FUNDAMENTALS OF GEOMETRY
CODE: 1st Semester 5445 2nd Semester 5446
This course provides students with the fundamental vocabulary, properties, language, and content of geometry. It is a study of such topics as triangles, circles, polygons, parallel lines, coordinate and solid geometry. In addition to geometric concepts, significant time will be devoted to honing the algebra skills needed to be successful mathematics students. ACT and Work Keys math skills and test preparation will be fully integrated throughout the course.
Prerequisite: Algebra Part 1 and Algebra Part 2
Levels: 10, 11,12 Semesters: 2 Credits*:* 2

GEOMETRY - SEQUENTIAL
CODE: 1st Semester 5441 2nd Semester 5442
Geometry deals primarily with developing the student's ability to reason logically through problems on topics dealing with triangles, parallel and perpendicular lines, polygons, circles, proportions, and similarity. As a result, students should become aware of the importance of oral/written analysis of algebraic and geometric procedures. On the average, students should expect up to 5 hours of homework per week. It is highly recommended that Geometry students purchase a TI-84 Plus calculator.
Prerequisite: Two semesters of Algebra 1 or equivalent
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

ACCELERATED GEOMETRY - SEQUENTIAL
CODE: 1st Semester 2603 2nd Semester 2604
Geometry deals primarily with developing the student's ability to reason logically through mathematical proofs illustrated by means of problems from such topics as triangles, parallel and perpendicular lines, polygons, circles, proportions, and similarity. Other topics covered are 3-dimensional proofs, volume, loci, inequalities, analytical geometry, transformations, concurrency, and constructions. Technology will be used extensively for better and enhanced understanding. On the average, students should expect up to 6 hours of homework per week. While a graphing calculator is not required for this course, this is a good time to plan on purchasing a TI-84 Plus for next year.
Prerequisite: Two semesters of Algebra 1 or equivalent and approval of Mathematics Department Chairperson.
Level: 9 or teacher recommendation Semesters: 2 Credits: 2

ALGEBRA 2 -SEQUENTIAL
CODE: 1st Semester 5451 2nd Semester 5452
In addition to reviewing and extending many of the topics covered in Algebra 1, Algebra 2 covers such other topics as: complex numbers, polar coordinates, and logarithms. The particular program we currently use provides an extensive review of both Algebra and Geometry topics that will help prepare students for the ACT. It is required that each student have his/her own TI-84 Plus calculator. If they plan on taking a course after Algebra 2, they should have their own TI-84 Plus graphing calculator. On the average, students should expect up to 5 hours of homework per week.
Prerequisite: Two semesters of Geometry or equivalent
(a grade of **C** or better in Geometry is highly recommended.)
Levels: 10, 11, 12 Semesters: 2 Credits: 2

ACCELERATED ALGEBRA 2 - SEQUENTIAL
CODE: 1st Semester 2303 2nd Semester 2304
In addition to reviewing and extending many of the topics covered in Algebra 1, Accelerated Algebra 2 covers such other topics as: conics, complex numbers, theory of equations, logarithms, basic trigonometry topics, use of matrices and parametrics. It is required that each student have his/her own TI-84 Plus graphing calculator. On the average, students should expect up to 6 hours of homework per week. .
Prerequisite: Two semesters of Accelerated Geometry or equivalent (a grade of **B** or better in Accelerated Geometry is highly recommended.)
Level: 10, 11 12 Semesters: 2 Credits: 2

AP STATISTICS-SEQUENTIAL
CODE: 1st Semester 5476 2nd Semester 5477
This course introduces students to the science of collecting, analyzing, and making inferences from data. AP Statistics covers four main themes: Theme 1-Organizing Data—This involves looking for patterns and departures from patterns. Students develop skills in organizing data both numerically and graphically. Relationships in data are also studied here. Theme 2 -Producing Data—This involves learning how to design samples and experiments and also how to properly conduct simulations. Theme 3- Probability—This involves the study of randomness, bionial distributions, geometric distributions, and distributions based on samples. Theme 4-Inference—This is of major importance in AP Statistics. Inference involves analyzing data in order to make conclusions with confidence.
Students in this course are encouraged to take the Advanced Placement exam. Upon receipt of a satisfactory score, college credit will be given by most colleges and universities. It is required that each student have his/her own TI-84 Plus graphing calculator. On average, students should expect up to 6 hours of homework per week.
Prerequisite: Two semesters of Algebra 2 or equivalent. (A grade of **B** or better in Algebra 2 or teacher recommendation).
Levels: 11, 12 Semesters: 2 Credits: 2

PRE-CALCULUS - SEQUENTIAL
CODE: 1st Semester 5466 2nd Semester 5467
Topics covered in this course include the concept of a function, polynomial, rational, exponential and logarithmic functions; complex numbers, and their respective applications. The trigonometric functions, developed from the perspective of a unit circle, will also be covered as well as trigonometric identities and equations and their use in practical situations. Further topics that will be discussed are parametric equations, sequences and series, and matrices, and if time permits, selected topics in probability and statistics and programming. A graphical approach is taken with emphasis on the use of technology, mathematical modeling, and the connections with the physical sciences. It is required that each student have his/her own TI-84 Plus graphing calculator. This course is a prerequisite for those students planning to take AP AB Calculus. On the average, students should expect up to 5 hours of homework per week.
Prerequisite: Two semesters of Algebra 2 or equivalent (a grade of **B** or better in Algebra 2 or teacher recommendation).
Level: 11, 12 Semesters: 2 Credits: 2

ACCELERATED PRE-CALCULUS-SEQUENTIAL
CODE: 1st Semester 2205 2nd Semester: 2206
Topics covered in this course include the concept of a function, polynomial, rational, exponential and logarithmic functions, complex numbers and their respective applications. The trigonometric functions, developed from the perspective of a unit circle, will also be covered, as well as trigonometric identities and equations and their use in practical situations. Further topics that will be discussed are parametric equations, sequences and series, and matrices, and if time permits, selected topics in probability and statistics and programming. A graphical approach is taken with emphasis on the use of technology, mathematical modeling, and the connections with the physical sciences. It is required that each student have his/her own TI-84 Plus graphing calculator. This course is a prerequisite for those students planning to take AP BC Calculus at Fenton High School. On the average, students should expect up to 6 hours of homework per week.
Prerequisite: Two semesters of Accelerated Algebra 2 or equivalent (a grade of B or better in Accelerated Algebra 2 or teacher recommendation).
Level: 11, 12 Semesters: 2 Credits: 2

AP AB CALCULUS-SEQUENTIAL
CODE: 1st Semester 2061 2nd Semester: 2062
This course is the culmination of the traditional sequence of courses in mathematics at Fenton High School. Topics included are functions, limits, derivatives, integrals, analytical geometry, and their many applications to a variety of practical problems.
After completing this course, students will be prepared to take the Advanced Placement Examination in AB Calculus. Upon receipt of a satisfactory score, college credit will be given by most colleges and universities. It is required that each student have his/her own TI-84 Plus graphing calculator. On the average, students should expect up to 8 hours of homework per week.
Prerequisite: Two semester of Pre-Calculus or equivalent (a grade of B or better in Pre-Calculus or teacher recommendation).
Level: 12 Semesters: 2 Credits: 2

AP BC CALCULUS-SEQUENTIAL
CODE: 1st Semester 2063 2nd Semester: 2064
This course is the culmination of the accelerated sequence of courses in mathematics at Fenton High School. In addition to all of the Calculus AB topics, topics included are parametric, polar and vector functions, Euler's Method (for numerical solutions to differential equations), L' Hospital's Rule, derivatives of parametric, polar and vector functions, applications of integrals, antiderivatives by substitution, improper integrals, and polynomial approximation and series. After completing this course, students will be prepared to take the Advanced Placement Examination in BC Calculus. Upon receipt of a satisfactory score, college credit will be given by most colleges and universities. It is required that each student have his/her own TI-84 Plus graphing calculator. On average, students should expect up to 8 hours of homework per week.
Prerequisite: Two semesters of Accelerated Pre-Calculus or equivalent (a grade of B or better in Accelerated Pre-Calculus or teacher recommendation).
Level: 12 Semesters: 2 Credits: 2

COMPUTER PROGRAMMING 1 - NON-SEQUENTIAL
CODE: 5465
This course is a one semester introductory course in the programming and operation of a modern digital computer. Students will utilize a "hands-on" approach to develop competence in using a computer to solve a variety of problems. Topics include an introduction to computer systems, primitive data types, basic program statements, input and output, decision structures and loops. No previous knowledge of programming or computer operation is required. On the average, students should expect up to 3 hours of homework per week.
Prerequisite: Two semesters of Algebra I or equivalent or consent of the instructor (a grade of **B** or better in Algebra I is highly recommended)
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1

COMPUTER PROGRAMMING 2 - SEQUENTIAL
CODE: 5475
Having already learned the foundations of any programming language, in Computer Programming I, this course provides students with an opportunity to learn more advanced topics such as (but not limited to): writing functions and classes, arrays, and exploring fundamental algorithms such as sorting and searching arrays. Students will continue to develop their debugging skills. The problems that are assigned in this course will relate to the more sophisticated techniques that are learned in this course. On the average, students should expect up to 3 hours of homework per week.

Prerequisite: Computer Programming 1 with a grade of **B** or better.
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1

AP COMPUTER SCHIENCE PRINCIPLES-SEQUENTIAL
CODE: 1st Semester 2073 2nd Semester 2074
AP Computer Science Principles is a full-year mathematics elective course offering a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This course does not count towards the mathematics requirements for graduation. All 11th graders must be enrolled in a mathematics course concurrently with this course.
Computational Thinking Practices: Connection computing, creating computational artifacts, abstracting, analyzing problems and artifacts, communicating, collaborating.
Big Ideas: Creativity, abstraction, data and information, algorithms, programming, the Internet, global impact.
Prerequisite: Successful completion of Algebra 1 and Geometry or with administrative approval.
Levels: 10,11,12 Semesters: 1 Credits: 1
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MUSIC

Philosophy

We believe that music is an essential, meaningful part of the educational experience. It is the philosophy of the Fenton High School Music Department to foster a lifelong appreciation, growth, and understanding of music.

CHORALE - SEQUENTIAL
CODE: 1st Semester 6311 2nd Semester 6312
The Chorale is a group designed for the developing vocal musician. Students will learn the basics of musicianship and proper vocal production techniques, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year. In Chorale, the music materials focus upon easy to moderately difficult multiple-part writing for male and female voices.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

TREBLE CHOIR - SEQUENTIAL
CODE: 1st Semester 6301 2nd Semester 6302
The Treble choir is an intermediate level vocal group for female singers. Students will learn the basics of musicianship and proper vocal production techniques, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year. In Treble Choir, the music materials focus upon easy to moderately difficult two- and three- part writing for women's voices.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credit: 2

CONCERT CHOIR - SEQUENTIAL
CODE: 1st Semester 6321 2nd Semester 6322
The Concert Choir is the premiere vocal ensemble at Fenton High School. Students will continue to develop sight-reading skills, ear training skills and vocal production, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year and additional performances in the community. In Concert Choir, the music materials focus upon moderate to advanced multiple-part writing for male and female voices.
Prerequisite: Previous experience or director approval
Grade Levels: 10, 11, 12 Semesters: 2 Credits: 2

ACCELERATED CONCERT CHOIR – SEQUENTIAL
CODE: 1st Semester 6323 2nd Semester 6324
Students may take Concert Choir for Accelerated Credit. Students in Accelerated Concert Choir must meet the regular course requirements as well as choose six of the following options:

1. Receive private voice lessons.
2. Provide private lessons to underclassmen or younger vocal student.
3. Perform a Solo at Solo & Ensemble festival.
4. Perform a director approved solo during class, at a scheduled performance, or at a special event.
5. Prepare and perform IMEA audition material for your director as well as audition for IMEA.
6. Perform in a director approved extra-curricular ensemble outside of school.
7. Perform in a small ensemble at Solo & Ensemble festival, in class, or at a scheduled concert.
8. Audition for and participate in an extra-curricular school ensemble.
9. Attend a director approved collegiate or professional performance and write a critique.
10. Write a research paper about one of the selections that you performed as a solo work or small ensemble.
11. Write a research paper about your instrument/voice
12. Choose a famous artist that performs your part or instrument and write a report on them as well as critique some of their recordings.

Prerequisite: One year participation in a performing ensemble or teacher recommendation and audition
Grade levels: 10, 11, 12 Semesters: 2 Credits: 2

CONCERT BAND - SEQUENTIAL
CODE: 1st Semester 6331 2nd Semester 6332
The Concert Band is open to all Fenton students with a minimum of two years prior instrumental experience or director approval. Activities for this class will include, but not be limited to, scales, chorales, tone production, challenging literature, critical listening, and music analysis. Students can expect to perform at all Fenton Band concerts and Pep Band games.
Students will be expected to attend a band camp prior to the beginning of the school year, and additional rehearsals outside of the school day. Students in Concert Band may choose to be members of the marching band. Should they choose to be a member of the marching band, they will need to attend a band camp prior to the beginning of the year and attend some rehearsals outside of the school day. During the first nine weeks of semester one, students will be flexibly scheduled with this ensemble to complete various musical projects. Students may take Concert Band for accelerated credit (Grades 10-12 only)
Prerequisite: Selection based upon proficiency ,audition, or director approval
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2
Fee: $33.00 (for Marching Band shoes)

SYMPHONIC WIND ENSEMBLE - SEQUENTIAL
CODE: 1st Semester 6341 2nd Semester 6342
The Symphonic Wind Ensemble is the premiere instrumental ensemble at Fenton High School. Activities in this class will include, but not be limited to, scales, chorales, advanced rehearsal techniques, tone production, critical listening, and music analysis. This ensemble rehearses and performs advanced band literature. Students can expect to perform at all Fenton Band concerts and Pep Band games.

Students in Symphonic Wind Ensemble may choose to be members of the marching band. Should they choose to be a member of the marching band, they will need to attend a band camp prior to the beginning of the year and attend rehearsals outside of the school day. During the first nine weeks of semester one, students will be flexibly scheduled with this ensemble to complete various musical projects
Prerequisite: Selection base upon proficiency, audition , or director approval
Levels: 9,10, 11, 12 Semesters: 2 Credits: 2
Fee: $33.00 for Marching Banc Shoes

ACCELERATED SYMPHONIC WIND ENSEMBLE / CONCERT BAND– SEQUENTIAL
CODE: 1st Semester 6355 2nd Semester 6356
Students may take Symphonic Wind Ensemble or Concert Bandfor Accelerated Credit. Students in Accelerated Symphonic Wind Ensemble/Concert Band must meet the regular course requirements as well as choose six of the following options:

1. Receive private lessons on your instrument.
2. Provide private lessons to underclassmen or younger band students.
3. Perform a Solo at Solo & Ensemble festival.
4. Perform a director approved solo during class, at a scheduled performance, or at a special event.
5. Prepare and perform IMEA audition material for your director as well as audition for IMEA.
6. Perform in a director approved extra-curricular ensemble outside of school.
7. Perform in a small ensemble at Solo & Ensemble festival, in class, or at a scheduled concert.
8. Audition for and participate in an extra-curricular school ensemble.
9. Attend a director approved collegiate or professional performance and write a critique.
10. Write a research paper about one of the selections that you performed as a solo work or small ensemble.
11. Write a research paper on your instrument.
12. Choose a famous artist that performs your instrument and write a report on them as well as critique some of their recordings.
13. Participation in Marching Band.

Prerequisite: One year participation in a performing ensemble or teacher recommendation and audition
Grade levels: 10, 11, 12 Semesters: 2 Credits: 2
Fee: $33.00 for Marching Band shoes

GUITAR
CODE: 1st Semester 6361 2nd Semester 6362
This course is for the beginning guitar student. Activities in this class will include, but not be limited to, reading and notating music, playing a wide variety of guitar literature, and developing critical listening skills.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2
Fee: $14.00 (Workbook)

GUITAR ENSEMBLE
CODE: 1st Semester 6376 2nd Semester 6377
This course is for the developing guitar student. Activities in this class will include, but not be limited to, reading and notating music, playing a wide variety of guitar literature, and developing critical listening skills.
Prerequisite: Guitar or approval of instructor
Levels: 10, 11, 12 Semesters: 2 Credits: 2
Fee: $15.00 (Workbook)

PIANO 1 -SEQUENTIAL
CODE: 1st Semester 6391 2nd Semester 6392
This course is for the beginning piano student. Activities in this class will include, but not be limited to, reading and notating music, playing a wide variety of piano literature, and developing critical listening skills.
Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2
Fee: $9.00 (Workbook)

PIANO 2 - SEQUENTIAL
CODE: 1st Semester 6401 2nd Semester 6402
This course is for the developing piano student. Activities in this class will include, but not be limited to, reading and notating music, playing a wide variety of piano literature, and developing critical listening skills.
Prerequisite: Piano 1 or permission of instructor
Levels: 10, 11, 12 Semesters: 2 Credits: 2
Fee: $9.00 (Workbook)

ADVANCED PLACEMENT MUSIC THEORY
CODE: 1st Semester 2115 2nd Semester 2116
AP Music Theory is a full year course that is equivalent to that of an entry level college course in music theory. This course is for students who wish to pursue an in-depth study of melody, harmony, texture, rhythm, form, musical analysis, composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-reading or sight-singing, and keyboard harmony are considered elements of the course, as is the acquisition of advanced music terminology. Enrollment in this course assumes at least a basic to intermediate skill level related to reading and writing musical notation as well as performance skills in either vocal or instrumental production. This class would prepare students for the AP Music Theory test in May.
Prerequisite: One semester of high school choir, band, guitar, piano, or teacher approval.
Level: 10,11,12 Semesters: 2 Credits: 2

MUSIC PRODUCTION
CODE: 6355
Music Production is a career-focused course designed for students interested in all aspects of music and music production. Student projects will include but not be limited to composing music through a variety of mediums for the purposes of music videos, video games/movie soundtracks, promotional materials, etc. Students in this class will also develop skills for live sound recording, sound reinforcement, and basic music theory.
Prerequisite: None
Levels: 11,12 Semesters: 1 Credits: 1

PHYSICAL EDUCATION

Philosophy

The physical education program of Fenton High School is based on the belief that an individual is the combination of mind and body. The mission of the physical education department is to improve physical fitness, develop an awareness of the various aspects of fitness, teach physical skills, develop a knowledge of game rules and strategies, reduce tension and stress, develop social values, and contribute to a wiser use of leisure time. As a result, this should lead to a longer and happier life for the student.

Requirements and Recommendations

The physical education program at Fenton High School includes two phases. The first phase consists of one required semester for freshmen and two required semesters for sophomores. Included in one of the two semesters for sophomores will be the nine-week classroom portion of Driver's Education. Phase two is advanced physical education for juniors and seniors. Advanced physical education is designed to offer the juniors and seniors their choice of activities for the remaining four semesters. They may select from Team Sports, Fitness and Nutrition, Sports, Strength and Conditioning, Aerobics, Adventure Education, and Advanced Weight Training.

PHYSIOLOGY OF EXERCISE 1 FOR FRESHMEN
CODE: 8001
Physiology of Exercise offers a variety of activities designed to develop an understanding of the effect exercise has on the body. In addition, these activities will enhance strength, flexibility, and cardiovascular endurance. The activities include an introduction to physiology of exercise, soccer, tennis, weight training and fitness, and track and field.
Prerequisite: None
Level: 9 Semesters: 1 Credits: 1

PHYSIOLOGY OF EXERCISE 3 FOR SOPHOMORES
CODE: 8021
PHYSIOLOGY OF EXERCISE 4 FOR SOPHOMORES
CODE: 8022
This two-semester course is built upon the skills and activities of the freshmen year. The students may participate in weight training and fitness, badminton, basketball, volleyball, team handball, flag football, pickelball, soccer, ultimate frisbee, and ice skating.
Prerequisite: None
Level: 10 Semesters: 2 Credits: 2

NOTE: Classroom phase of Driver's Education will be included in the sophomore Physical Education sequence.

THE ADVANCED PHYSICAL EDUCATION PROGRAM FOR JUNIORS AND SENIORS

The students will have a choice of activities for each of the four semesters as listed below:

AEROBICS
CODE: 1st Semester 8081 2nd Semester 8082
This emphasis of this course is on cardiovascular conditioning and total body toning to achieve the students' individual fitness goals. Students in this class will be given the proper training and knowledge to allow for improvements in body composition and muscle tone. Students will be engaged in fitness routines to music, which may include kickboxing, resist-a-ball, boot camp, yoga, BOSU, step aerobics, power abs, pilates, and speed training. The fundamentals of movement and dance may be included in the course. Athletes are encouraged to participate in this course.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

ADVENTURE EDUCATION
CODE: 1st Semester 8063 2nd Semester 8064
Adventure Education is a course that emphasizes student teamwork, communication, character development, and conflict resolution. Adventure Education is an experiential-based learning process where students are encouraged to take an active role in their education. The course will focus on both group and individual activities. By emphasizing team building, problem solving, communication skills, and goal setting, we hope to help students develop self-esteem through group and individual accomplishment, enhance their social skills with others, increase their ability to problem solve, and develop leadership skills as well as fitness activities and assessments. These goals will be reached through activities such as frisbee golf, wall climbing, team building activities, golf, bowling, orienteering, camping, and hiking.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2
Students who enroll should expect to pay $30.00 per semester for field trips.

FITNESS AND NUTRITION
CODE: 1st Semester 8073 2nd Semester 8074
Fitness and Nutrition is a course that combines fitness activities and a food lab experience. It emphasizes a healthy lifestyle and helps students attain their fitness goals. Students will be exposed to a variety of physical activities such as circuit training, weight training, and cardiovascular endurance training. Some sports units will also be included in this course. Students will understand how to make fitness part of their daily routine. Students will also learn the role of nutrition in a healthy lifestyle. Food lab experiences incorporate developing and preparing tasty, healthy food. After completing this course, students will know how to exercise without using an expensive health club and have a wellness plan for life.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

STRENGTH & CONDITIONING
CODE: 1st Semester 8071 2nd Semester 8072
The Strength and Conditioning class offers students an opportunity to gain knowledge, skills and techniques, while developing a workout program. Topics of discussion include: anatomical adaptation, hypertrophy, maximum strength, transition phase, muscle breakdown and recovery, nutrition and muscle growth, and the proper use of nutritional supplements. Students will also be taught muscle anatomy, principles and theories of muscle hypertrophy and weight lifting, and avoiding and dealing with muscle soreness. As students participate in this course they will actively use weight lifting equipment and will be taught proper usage and safety procedures used in weight training.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

TEAM SPORTS
CODE: 1st Semester 8051 2nd Semester 8052
Team sports offer students an opportunity to learn and enjoy team sports activities. The activities may include touch football, soccer (outdoor and indoor), floor hockey, volleyball, team speedball, basketball, and softball. Students will be taught game rules, skills and some strategies to each game. All students will be expected to learn and participate in all activities. As students participate, the importance of physical fitness will be illustrated and emphasized as they compete in a team setting. Students will have a fitness level assessment three times per year. One day a week will be devoted to fitness concepts in a classroom setting and each student will complete a fitness plan.
Levels: 11, 12 Semesters: 1 or 2 Credits: 1 or 2

ADAPTIVE PE
CODE: 1st Semester 8031 2nd Semester 8032
Adaptive Physical Education offers students an opportunity to be actively engaged in adapted physical activities. With an emphasis on one to one instruction students individual needs and personal goals are the main focus of the class. The students may participate in weight lifting, flickerball, basketball, bowling, and golf along with basic locomotor movements.
Prerequisite: Recommendation of the School Nurse
Levels: 9, 10, 11, 12 Semesters: 1 or 2 Credits: 1 or 2

DRIVER EDUCATION

Driver Education Classroom
CODE: 8092
Driver Education, "classroom phase," is incorporated within sophomore Physical Education. The content of this course includes existing and proposed rules of the road, graduated licensing laws, physical and mental factors affecting the driver, and concepts necessary for safe motoring.

Behind the Wheel
The "Behind the Wheel" phase is a four week program offered for students upon completion of the classroom portion of the course. Behind the Wheel is offered to students before and after school and in summer school. Student enrollment is based upon the age of the student. Those students who are over 16 or near their 16th birthday are offered this phase of the program prior to younger students.

During the Behind the Wheel phase, the students are exposed to varying driving situations that emphasize motor skills, application of the laws, accurate judgment, properly timed correct responses, and driving emergencies. There is a lab fee for the Behind the Wheel phase of Driver Education to help defray the maintenance of the driver education vehicles.
Fee: $200.00 (reflect correction of print copy of Curriculum Guide)

In addition, Fenton High School requires that a student be of sophomore standing (10 or more credits earned) in order to enroll in Behind the Wheel and Driver Education Classroom.
Registration for Behind the wheel will be conducted at the appropriate time by the Driver Education staff.
Prerequisite: Successful completion of the classroom phase of Driver Education
Levels: 10, 11, 12
NOTE: In order to be enrolled in either the "classroom phase" or the "Behind the Wheel" phase of Driver Education, state law now requires students to have passed a minimum of eight courses during the previous two semesters.

HEALTH
CODE: 8025
Fenton's Health Education course meets daily for one semester of the freshmen year. The topics of instruction are: mental and emotional health, family and social health, growth and development, nutrition, personal health and physical activity, alcohol and other drugs, communicable and chronic diseases and community health.
Prerequisite: None
Level: 9 Semesters: 1 Credits: 1

SCIENCE

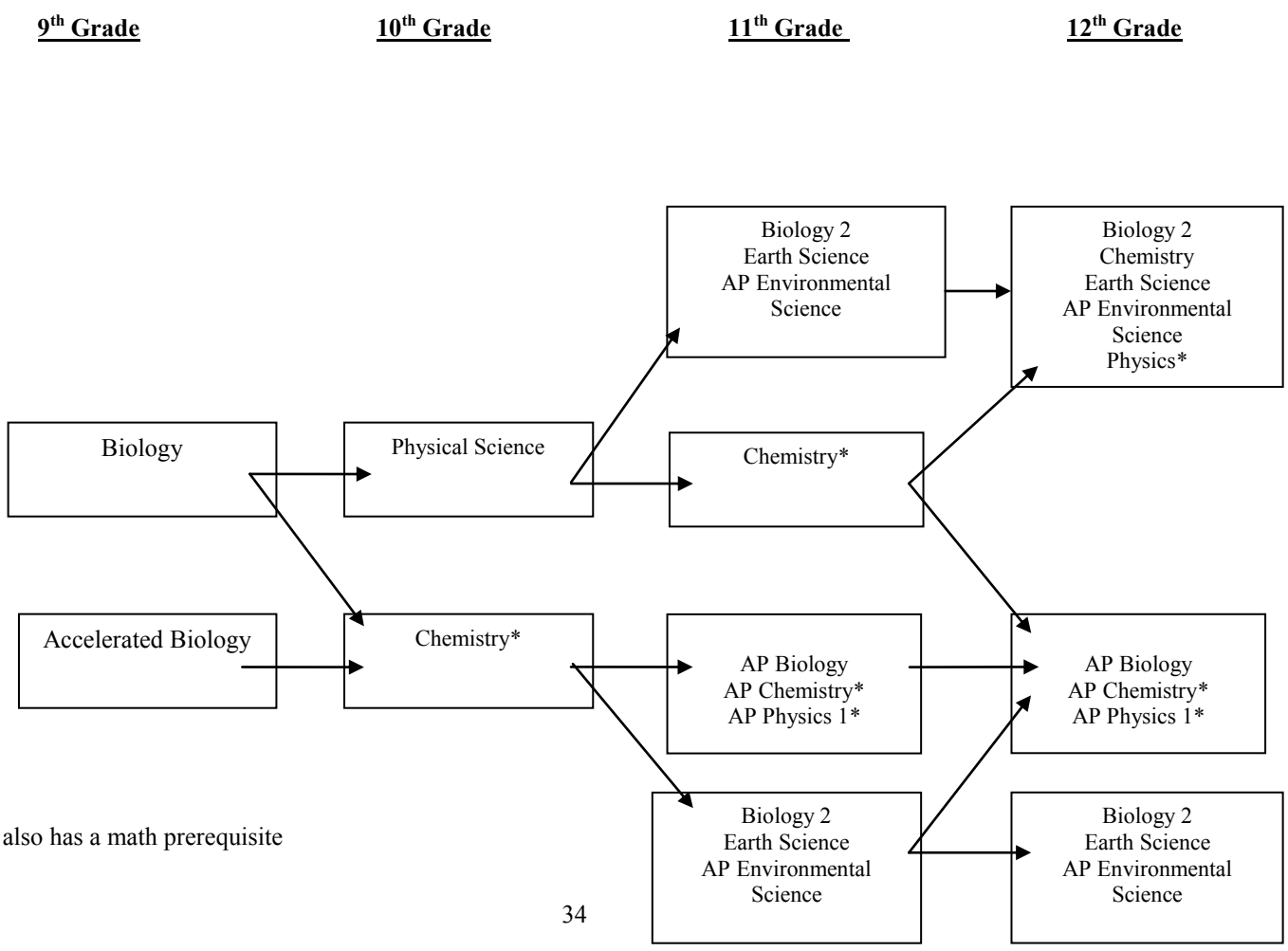
Philosophy

The study of science has been a fundamental activity of humans since they first took notice of the world around them. The science department, through its various course offerings, attempts to instill in each student a corresponding inquisitive nature. The staff communicates the facts relating to each specific area. Furthermore, they illustrate how those facts relate to situations surrounding the student at the present time and in their future endeavors. Those goals are achieved by familiarizing students with the "scientific practices" and helping them to use the principles of scientific reasoning.

Requirements and Recommendations

Students are *highly* encouraged to take four (4) years of science courses. Many colleges require a minimum of three years of science and science is a tested area on the ACT. Two (2) years of Science are required for graduation from Fenton High School. The first year in the science progression must consist of a Biological Science course. This course will be Biology or Accelerated Biology. The second year in the science progression must consist of a Physical Science course. This course will be Chemistry or Physical Science. In the third and fourth year of science, students may choose from a variety of courses. Please see course descriptions for listed prerequisites for each course. Placement in all courses will be under the guidance of the department chairperson and determined by high school placement testing, counselor direction, teacher recommendation, and student need.

Science Course Sequence



* course also has a math prerequisite

SCIENCE SAFETY

The Science Program at Fenton High School is a laboratory (experiment centered) program. Working with chemicals, laboratory apparatus, and heat sources may at times present dangers to students who fail to follow reasonable safety procedures and directions. The State of Illinois has passed several laws relating to the use and wearing of protective devices while students participate in class laboratory activities. Parental and student awareness and cooperation are needed to ensure full student participation in the Science Department's Safety Program. The following guidelines need to be enforced:

1. Understand and follow all laboratory procedures. "THE LABORATORY IS NO PLACE FOR FOOLING AROUND!" Many classroom accidents are the direct result of poor student behavior.
2. Approved-type Safety Goggles must be worn as prescribed by law and as directed by the classroom teacher. Goggles of this type are provided for each student in the classroom.
3. Students are informed in the laboratory about proper clothing material and style relative to laboratory safety. Particular attention is given to materials with a high degree of flammability, and the ability of the clothing to protect the student in the unlikely event of a spill on their person. Protective aprons are provided for each student while working in the laboratory.
4. Since the ingestion and absorption of chemicals is always a possibility in the classroom, a strict adherence to a policy of no eating, no drinking, and no application of cosmetics is expected in the science classrooms.

REQUIRED COURSE WORK - YEAR ONE

The first year in the science progression must consist of a Biological Science course. This course will be Biology or Accelerated Biology.

BIOLOGY - NON-SEQUENTIAL
CODE: 1st Semester 5681 2nd Semester 5682

This full-year course provides an introduction to high school science. Biology presents a scientific study of the structure and function of living organisms and their ecological relationships. Emphasis is given to practical implications and everyday applications that are meaningful to the student. Attention is given to important principles and concepts that help students to understand the general characteristics of life, and to developing fundamental laboratory skills through hands-on activities that follow the scientific method.
Prerequisite: None
Levels: 9 Semesters: 2 Credits: 2

ACCELERATED BIOLOGY - SEQUENTIAL
CODE: 1st Semester 5613 2nd Semester 5614

This full-year course is intended to meet the needs of the student pursuing a science-related career or preparing to attend a four-year college. Accelerated Biology is a course based on Science, Technology and Society (STS). STS encourages the student to become involved in the learning process by basing units on a question or problem facing society today. Topics such as cancer, AIDS, genetics, ecology, and separation techniques are covered. This program provides students with hands-on, real-life experiences combined with a solid biological base. This course is the first course teaching laboratory procedures, the scientific method, and scientific thought at the high school level.
Prerequisite: None
Levels: 9, 10 Semesters: 2 Credit: 2

REQUIRED COURSE WORK - YEAR TWO

The second year in the science progression must consist of a Physical Science course. This course will be either Chemistry, Physical Science, or Applied Physical Science.

PHYSICAL SCIENCE - NON-SEQUENTIAL
CODE: 1st Semester 5601 2nd Semester 5602

This full-year course is a continuation in the science progression as well as a basis for further course work. During the year, students will improve laboratory techniques and practices. Basic chemistry concepts such as mass, volume, density, periodicity, and models of the atom are taught during the first semester. In the second semester, basic physics concepts including mechanics, statics, heat, light, sound, electricity, and nuclear physics are studied.
Prerequisite: Successful completion of the 9th Grade Required Science course work.
Levels: 10, 11 Semesters: 2 Credits: 2

CHEMISTRY - SEQUENTIAL
CODE: 1st Semester 5621 2nd Semester 5622

This course is designed as a possible second course in the science sequence and for students who will pursue a college prep course of study. This is a laboratory course dealing with the structure of and change in matter. Some of the topics covered include chemical bonding; the Periodic Law; nuclear chemistry; equilibrium; solubility, and chemical reactions. A large portion of time is spent in laboratory investigations. Access to a scientific calculator is required on a daily basis.
Prerequisite: Algebra 1 (C or better recommended) and Accelerated Biology or Biology with teacher recommendation.
Levels: 10, 11, 12 Semesters: 2 Credits: 2

YEAR THREE/FOUR COURSE OFFERINGS

PHYSICS - NON-SEQUENTIAL
CODE: 1st Semester 5631 2nd Semester 5632
The purpose of this course is to give the student a broad understanding of the fundamental concepts and skill of Physics. Physics is the study of the interactions of matter and energy. Within this framework, a student will learn the concepts gleaned from the Greeks, Newton and Einstein. Many of the newer technologies will be employed in this course to include TI-graphing calculators, computer-based laboratory equipment, and computer based data analysis. Using these technologies, the student will endeavor on a journey that will begin with motion, forces, and momentum. The traveler will then continue to regions of heat, light, sound and waves. The final leg of the trip will include electricity, magnetism, nuclear chemistry and astronomy. As the students complete the various legs of the trip, they will be expected to share their discoveries and successes with their classmates via various methods.
Prerequisite: Geometry and Physical Science or Chemistry. Chemistry may be taken concurrently with Physics.
Levels: 11, 12 Semesters: 2 Credits: 2

BIOLOGY 2- SEQUENTIAL
CODE: 1st Semester 5683 2nd Semester 5684
This full-year course is intended for academically oriented students who intend to pursue a science-related career or who are preparing to a four-year college. In addition to reviewing and extending the depth of the topics presented in Biology, Biology II will place an added emphasis on content typically encountered during a first-year college biology course. The content of the course will include cellular biology, microbiology, genetics, botany, zoology, and human physiology. A continued emphasis will be made on the development of laboratory skills, with hands-on activities and discovery learning, following the scientific method as a key focus in the activities.
Prerequisite: Two years required science coursework
Levels: 11, 12 Semesters: 2 Credits: 2

EARTH SCIENCE - NON-SEQUENTIAL
CODE: 1st Semester 5671 2nd Semester 5672
Students enrolled in Earth Science have the opportunity to observe and study the physical environment. Major topics covered include changing earth surface, composition of the earth surface; earth history; astronomy, weather, oceanography, and climate. The impact on the environment by humans is continually investigated. The course of study utilizes text, video, and laboratory experiences.
Prerequisite: Two years required science coursework
Levels: 11, 12 Semesters: 2 Credits: 2

AP BIOLOGY - SEQUENTIAL
CODE: 1st Semester 2083 2nd semester 2084
Advanced Placement Biology is designed to be the equivalent of a college introductory course, usually taken by biology majors during their first year. Because of the rigor of this course, it is expected that students enrolling will have demonstrated both superior ability and a high level of motivation in previous science courses. In particular, students must have a sound knowledge of chemistry, which is vital to many topics in the course. Students should expect to spend approximately 6 hours per week outside of class working on study guides, essays, lab reports, projects, and reading the textbook. There is a summer assignment to review basic chemistry concepts and introduce the first biology unit that will be due the first week of school. Topics studied in this course include biochemistry, ecology, cell biology, metabolism, photosynthesis, cell respiration, ndelian & molecular genetics, biotechnology, evolution, biodiversity, botany, zoology, and the anatomy & physiology of the human body. Students in AP Biology will prepare to take the AP Exam given in May. Students may earn college credit if they earn a successful score on the AP Exam.
Prerequisite: Chemistry (A or B grade recommended)
Level: 11, 12 Semesters: 2 Credit: 2

AP ENVIRONMENTAL SCIENCE
CODE: 1st Semester 2085 2nd Semester 2086
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The AP Environmental Science is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science or, alternatively, to fulfill a basic requirement for a laboratory science and thus free time for taking other courses.
The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Students enrolled in this course will be preparing to take the AP exam in May. Students who earn a successful score on this test may receive college credit in one of the many participating colleges throughout the country.
Prerequisites: A grade of B or better in a previous full year math course and successful completion of 2 science courses or with administrative approval or teacher recommendation.
Level: 11, 12 Semesters: 2 Credits: 2

AP CHEMISTRY - SEQUENTIAL
CODE: 1st Semester 2081 2nd Semester 2082
Advanced Placement Chemistry is designed to be the equivalent of a college introductory course usually taken by chemistry majors during their first year. Because of the rigor of this course, it is expected that students enrolling will have demonstrated both superior ability and a high level of motivation in previous science courses. AP chemistry differs from a typical high school course with respect to the laboratory work done by students and the time and effort outside of class required by students. Most students will need to spend approximately 3-5 hours per week outside of class time working on homework, including lab reports, take home tests and studying for tests. Course content will emphasize topics in inorganic chemistry, and will involve a great amount of mathematical problem-solving and explanation of chemical concepts. The College Board suggests taking Physics either before or concurrently with this course. Students enrolled in AP Chemistry will be expected to take the Advanced Placement examination given in May. Students who earn a successful score on this test may receive college credit in one of the many participating colleges throughout the country.
Prerequisite: Two years required science coursework, Chemistry (earning a grade of A or B), Algebra 2
Recommended: Physics or concurrently taking Physics
Level: 11, 12 Semesters: 2 Credits: 2

AP PHYSICS 1– SEQUENTIAL
CODE: 1st Semester 2095 2nd Semester 2096
AP Physics 1 is designed to be an algebra-based introductory class equivalent to the first semester of a college physics course. At the core of AP Physics 1 content is classical mechanics. The primary areas of focus for AP Physics 1 will be motion, forces, energy, momentum, waves, and an introduction into electrostatics and circuitry. Students will investigate the aforementioned topics through frequent inquiry based laboratory experiments. In order to become masters of the content, students will be presented information through several additional means that may include but are not limited to lectures, research projects, and homework. The coursework will be rigorous and challenging as any Advanced Placement course is designed to be. Those who put the time and effort into learning the materials will leave the classroom well prepared to succeed in their future physics endeavors. Students will have the option of taking the AP Physics 1 exam in May that may allow them to earn college credit.
Prerequisites: Chemistry, Pre-Calculus (or concurrently enrolled in Pre-Calculus)
Level: 12 Semesters: 2 Credits: 2

SOCIAL STUDIES

Philosophy

The Social Studies are concerned with human relationships. The content of the Social Studies is derived principally from the scholarly disciplines of history, geography, anthropology, economics, political science, psychology, and sociology. The basic purpose of the courses offered by the Social Studies Department is to provide each student with a personally meaningful and sustaining orientation to his or her total social environment based upon a rational and logical approach to human relationships. In order to accomplish this purpose, the student should develop an ability to organize, analyze, and impart information in a manner which enables the individual to act upon and effectively utilize his or her present and continuing educational experiences in a world that is dominated by change. All of the courses offered by the department provide the opportunity for each student to achieve at an optimum level.

Requirements

Fenton High School requires six semesters of Social Studies for graduation. The sequential courses for all students are **Introduction to the Social Sciences A & B** in the freshman year, **World History A & B** in the sophomore year, and **United States History A & B** in the junior year. Electives are offered for juniors and seniors who would like to explore other areas in the Social Studies beyond the three year requirement.

INTRODUCTION TO THE SOCIAL SCIENCES - SEQUENTIAL
CODE: 1st Semester 5571 2nd Semester 5572
What are the social sciences? In order to acquaint students with the various disciplines within the social sciences, this course presents a survey of American civics, psychology, economics, sociology, anthropology, and geography. Each will introduce the theoretical as well as practical facets of the area under investigation. Various methodologies will be incorporated in order to deal with the basic concepts of the social sciences. The first semester of the course fulfills the state requirement of one semester of civics, focusing on government institutions, the discussion of current and controversial issues, and simulations of the democratic process. It also requires two hours of community service to teach students the value and importance of civic involvement and service learning in their communities. Additionally, this course will include studies of both the Federal and State Constitutions, which will fulfill the state requirement.
Prerequisite: None
Level: 9 Semesters 2 Credits: 2

WORLD HISTORY - SEQUENTIAL
CODE: 1st Semester 5593 2nd Semester 5594
World History is a survey of the evolution of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes, and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions, and patterns of social, political, and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today.
Prerequisite: None
Level: 10 Semesters: 2 Credits: 2

AMERICAN HERITAGE
CODE: 1st Semester 5587 2nd Semester 5588
This combined studies course fulfills the requirements for both American history and American literature. In addition to the traditional historical and literary content, the American Heritage course provides the opportunity for interested students to further explore the cultural and artistic influences, that helped to shape our nation. This course also includes the major elements of pre-college composition, thus allowing students to develop more sophisticated writing skills and helping them to prepare for the English portion of the ACT. This class will meet in two period blocks for two semesters.
Levels: 11 Semesters: 2 Credits: 4 (2 English and 2 Social Studies)

**** POLICY REGARDING THE CONSTITUTION TEST REQUIREMENT***

Students that pass the first semester of Introduction to the Social Sciences will demonstrate a clear understanding of patriotism and principles of representative government, proper use of the flag, methods of voting and the Pledge of Allegiance, as required by Illinois State law and the Fenton graduation requirements.

Students that do not pass the first semester of Introduction to the Social Sciences are required to pass a test of the American Constitution in order to graduate. Those students must make individual arrangements with the Department Chairperson to take the exam.

UNITED STATES HISTORY
CODE: 1st Semester 5551 2nd Semester 5552
The course is a survey of the major events in the history of our country with an emphasis on the twentieth century. A major focus is on the political, social, economic, and geographic changes that have contributed to the creation of modern America.
Prerequisite: None
Level: 11 Semesters: 2 Credits: 2

AP UNITED STATES HISTORY - SEQUENTIAL
CODE: 1st Semester 2091 2nd Semester 2092
The Advanced Placement course is designed for academically oriented college-bound students. The students taking this course will not only fulfill the United States History graduation requirement but will also be prepared to take the National Advanced Placement Exam in United States History. If the individuals successfully pass this Advanced Placement Test, they can receive college credit. The course will emphasize the tutorial approach, independent study, historiography and the development of historical scholarship.
Prerequisite: Departmental approval
Level: 11 Semesters: 2 Credits: 2

AP WORLD HISTORY
CODE: 1st Semester 2093 2nd Semester 2094
The Advanced Placement course is designed for academically oriented college-bound students. The students taking this course will not only fulfill the World History graduation requirement, but will also be prepared to take the national Advanced Placement Test in World History. If the individuals successfully pass the Advanced Placement Test, they may receive college credit. The course will develop greater understanding of the evolution of the global history through classroom instruction, independent study, document comparison, and the development of a historical scholarship.
Prerequisite: Departmental Approval
Level: 10 Semesters: 2 Credits: 2

AP PSYCHOLOGY
CODE: 1st Semester 2105 2nd Semester 2106
Advanced Placement Psychology is a two semester Social Studies elective designed to prepare students for the AP Psychology exam in May, which covers an introduction to the scientific and systematic study of behavior. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. Students will also learn about the methodology utilized by psychologists in their practice including the research methods and the APA writing format. In this way, the students will continue to develop their critical thinking as well as their reading and writing to help them succeed in college. The class will build on the foundations laid during the second semester of Introduction to the Social Sciences.
Prerequisite: Junior or senior standing and recommendation from one social studies teacher
Level: 11 or 12 Semesters: 2 Credits: 2

CRIMINAL JUSTICE
CODE: 5526
Criminal Justice is a one semester Social Studies elective focused on the legal system of the United States from the mid-twentieth century to the present. This course is designed to meet the needs of students wishing to be exposed to the criminal justice system; those wanting to explore a possible career in criminal justice; and students who are interested in taking an in-depth look at the American legal system. The course will also acquaint students with legal terms, trial procedures and laws that relate to young adults. Major subject areas include the police, criminal cases, correction, juvenile justice and forensics. Landmark court cases will be used to establish precedent and encourage discussion. Written work and discussion participation will play a significant role in the course.
Prerequisite: None
Level: 11 or 12 Semesters: 1 Credits: 1

MILITARY HISTORY
CODE: 5527
Military History is a one semester Social Studies elective focused on the central theme of armed conflict. Students will explore the development of warfare on land, sea and air; weapons and technology; strategy and defense; discipline and intelligence; mercenaries and standing armies; and guerrilla assault and nuclear arsenals. Understanding the importance and role of the military in the formation of individual states and societies will be addressed. Emphasis will be placed on the socio-economic impact of military progress and the moral questions raised by armed conflict.
Prerequisite: None
Level: 11 or 12 Semesters: 1 Credits: 1

SPECIAL EDUCATION

Philosophy

Fenton Community High School District 100 maintains a comprehensive program of special education services which provide a free and appropriate education to children, ages 14 to 21, who have exceptional needs and are residents of District 100. The district provides a continuum of services for children with mild to severe handicaps. To the extent possible, students are educated in the mainstream of the school community. The placement of a special education student is determined at the student's educational determination conference when the special needs of the particular student are identified.

Fenton High School offers a variety of special education programs to meet the needs of students. Resource and self-contained programs are available for individual students who have academic and/or behavioral concerns that cannot be met in the general education classroom. Students can receive a variety of services within the program they need. The goals of the special education programs are as follows:

1. Inclusion and/or integration in as many regular education classes as can be successfully completed.
2. Continue to develop appropriate social skills. Foster better communication between students, regular education teachers, parents, and special education teachers.
4. Provide resource assistance for general education.
5. Increase academic skills.
6. Provide instruction in specific subject areas.

ENGLISH LIFE SKILLS - NON-SEQUENTIAL
CODE: 1st Semester 00223 2nd Semester 00224
This special education English course is designed to meet the students at their current level and maximize their potential with a focus on functional language skills for life. Basic writing will be expanded for a variety of purposes, along with reading skills and study skills habits. These concepts have been designed with the intent to support the students in their other classes, as well as to support them to be as independent as possible in managing these skills outside the classroom. Students may be enrolled in this course for more than one year, depending on their ability. The curriculum is revised each year to suit the students who are enrolled and to build on the previous years' material.
Prerequisite: To be determined by student level
Level: Dependent on student level
Semesters: 2 Credit: 1 per semester

ENGLISH 9 - SEQUENTIAL
CODE: 1st Semester 00363 2nd Semester 00364
This course is designed to help students with improvement in the areas of reading comprehension, vocabulary, and written communication skills. Students will analyze fiction, the short story and the novel. Students will be introduced to grammar and essay writing.
Prerequisite: Determined by Department Chair
Level: 9 Semesters: 2 Credits: 2 (1 per semester)

ENGLISH 10—SEQUENTIAL
CODE: 1st Semester 00121 2nd Semester 00122
This course aligns directly with the Common Core for English Language Arts and is designed to help students improve reading, writing, speaking, listening and analytical skills through world literature and various genres. This course is modified to meet needs of students with Individualized Education Plans. Assignments and activities will focus on various literary pieces and non-fiction, writing appropriately for different occasions, audiences, and purposes, and improving their speaking, listening, and presentation skills. In addition we continually practice and review grammar and vocabulary to improve reading, and writing skills.
Level: 10 Semesters: 2 Credits: 2

ENGLISH 11 - SEQUENTIAL
CODE: 1st Semester 00151 2nd Semester 00152
This two-semester course focuses on the study of American literature in combination with extensive practice in composition. Students will explore works of poetry, fiction, non-fiction, and drama spanning the course of American history from the colonial period to the present day. This course is modified to meet needs of students with Individualized Education Plans. In addition we continually practice and review grammar and vocabulary to improve reading, and writing skills.
Level: 11 Semesters: 2 Credits: 2

ENGLISH 12—SEQUENTIAL
CODE: 1st Semester 00181 2nd Semester 00182
A variety of reading strategies will used to improve reading comprehension skills. Students will study literature through short stories. In addition, students will work on non-fiction reading and vocabulary. This course also addresses written expression skills. Extensive practice is provided to improve the writing of essays. Students will also read novels to improve comprehension and fluency.
Level: 12 Semesters: 2 Credits: 2

CORRECTIVE READING 1
CODE: 1st Semester 00185 2nd Semester 00186
A year long course designed specifically for Special Education students who are significantly below grade level in reading. This course would provide students with specific instruction in the areas of: Phonemic awareness, phonics, fluency, vocabulary instruction, and comprehension instruction.
Prerequisite: Placement test
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

CORRECTIVE READING 2:
CODE: 1st Semester 00187 2nd SemeCster 00188
This course designed for Special Education students who read significantly below grade level. Students enrolled in this course should be reading between the 5th and 7th grade reading level, or have taken Corrective Reading 1. This course will continue instruction in phonemic awareness, phonics, fluency, vocabulary instruction, and comprehension instruction. At this point in their development, students should have a firm foundation in their phonemic awareness and phonics skills, so the course will be more focused on fluency, comprehension, and vocabulary instruction.
Prerequisite: Placement test, reading scores indicating proper placement.
Level: 9-12 (Depending on reading level) Credits: 2

FUNDAMENTAL ALGEBRA PART 1
CODE: 1st Semester 00291 2nd Semester 00292
This course builds upon and expands the skills learned in Math 9. Students can expect to increase their algebraic vocabulary. Students will work with the basic operations in algebraic expressions. We will also investigate solutions to linear equations, problem solve with a variety of practical applications of algebra, and graph linear functions. Students with intentions of taking additional math courses will need a good understanding of the skills and concepts of Algebra. This course is the first part of the Fundamental Algebra sequence.
Prerequisite: Math 9
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

FUNDAMENTAL ALGEBRA PART 2
CODE: 1st Semester 00261 2nd Semester 00262
Fundamental Algebra Part 2 expands on the material covered in Fundamental Algebra Part 1. Concepts explored include algebraic expressions, solving and graphing of linear equations, inequalities and problem solving using practical applications of Algebra. This course is aligned with the Algebra Part 2 class that is taught in the Math Department.
Prerequisite: Fundamental Algebra Part 1
Levels: 10, 11, 12 Semesters: 2 Credits: 2

CONSUMER MATH
CODE: 1st Semester 00273 2nd Semester 00274
In this course the students are instructed on the topics of consumer education and how to become an educated consumer in our society. Topics include: savings, investing, banking, checking, insurance, comparison shopping, budgeting, and renting.
NOTE: This course meets the Consumer Education Requirements for Graduation.
Levels: 11, 12 Semesters: 2 Credits: 2

MATH LIFE SKILLS 1
CODE: 1st Semester 00225 2nd Semester 00226
This math class focuses on functional mathematics in real-life contexts. Basic money concepts such as total costs, change, tax, and budgets are covered. Time management, reading schedules, and using a map are also concepts covered throughout the year. Percentages, fractions, and decimals are covered in the context of real life situations such as cooking, measurement, and budgeting purposes. Numeration and computation of numbers in daily living, which included addition of percentages, fractions and decimals, are covered throughout the year. The course changes from year to year depending on repeat students, so that each year they grow and advance in their skills.
Prerequisite: To be determined by student level
Semesters: 2 Credits: 1 per semester

EXPLORATIONS OF GEOMETRY—SEQUENTIAL
CODE: 1st Semester 00295 2nd Semester 00296
This two semester geometry course continues the math sequence for students who have completed Fundamentals of Algebra Part I and Part II. This course will explore the fundamental concepts of geometry such as triangles, circles, parallel lines, and solid geometry. Fundamental vocabulary, properties, and the language of geometry will be taught. Algebra skills will be reinforced through the application of geometric concepts.
Prerequisite: Fundamentals of Algebra Part 1 and 2
Levels: 11, 12 Semesters: 2 Credits: 2

PREVOCATIONAL WORK PROGRAM 11/12
CODE: 1st Semester 00411 2nd Semester 00412
Students who are 16 years or older are introduced to the world of work. Classroom instruction focuses on skills to obtain and maintain a job. Career exploration is individualized to each student's interests and abilities. Second semester is focused on consumer education skills. Students are to maintain a job working 15 hours per week. All students are required to become clients of the Department of Rehabilitation Services, which will assist students with career preparation and placement after graduation. In addition, students will create an online portfolio. This includes assessments, interest inventory, and resumes.
NOTE: This course meets the Consumer Education Requirements for Graduation.
Level: 11 Semesters: 2 Credits: 4

READING/LANGUAGE RESOURCE
CODE: 00361
The resource program is designed to help students with organizational skills, as well as to assist with regular education curriculum. Students are responsible for logging their daily assignments and securing teachers signatures. Resource allows for students to receive individual assistance and to meet the needs listed on the student's Individual Education Plan.
Placement: To be determined by Department Chair
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

HEALTH
CODE: 00513
Health is designed to instruct students in the following health related subjects: nutrition, wellness, tobacco, alcohol and drugs, and sexuality. Students will learn the factors that contribute to good physical, mental and social health.
Placement: To be determined by Department Chair
Level: 9 Semesters: 1 Credits: 1

SOCIAL SCIENCES - SEQUENTIAL
CODE: 1st Semester 00311 2nd Semester 00312
This course presents various social sciences in a variety of ways such as political science, psychology, sociology, anthropology, economics, geography, and the U. S. Constitution.
Level: 9 Semesters: 2 Credits: 2

U.S. HISTORY - SEQUENTIAL
CODE: 1st Semester 00321 2nd Semester 00322
We cover many significant issues in U.S. History including the Revolutionary War, big business, and world conflicts. The course looks at cause and effects of these periods in time, as well as the people involved. The political, social, economic, and geographic changes will be the emphasis of these topics. The opportunity for more one-to-one instruction is available for the student.
Level: 11 Semesters: 2 Credits: 2

WORLD HISTORY - SEQUENTIAL
CODE: 1st Semester 00341 2nd Semester 00342
World History is a survey of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions and patterns of social, political and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today.
Level: 10 Semesters: 2 Credits: 2

GENERAL SCIENCE: PHYSICAL SCIENCE
CODE: 1st Semester 00265 2nd Semester 00266
General science is an introduction course to physical science concepts. Students will become familiar with safety rules and the scientific method. Physical science studies will focus on types of matter, the periodic table, elements, compounds, forces and simple machines.
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

OTHER COURSES

PERSONAL POWER
CODE: 4003
This course is designed to help students identify their individual talents, create the internal motivation and drive to expand those talents, assume responsibility for themselves, interact responsibly with others and claim their self-esteem. Students will develop the ability to set specific goals and the commitment and determination to stick with them.
Prerequisite: Counselor approval, space available
Level: 9, 10, 11, 12 (Seniors may enroll 1st semester only)
Semesters: 1 Credit: 1

In many areas of the curriculum, Fenton students use the Internet and other computerized sources to access large amounts of information. Students are taught to be information literate which is to be able to:
1. Define the need for information
2. Plan a search strategy.
3. Locate the needed resources.
4. Organize and evaluate information.
5. Know how to use appropriate media to communicate the information.
6. Determine how the information will resolve the original problem.

WORLD LANGUAGES

Philosophy

Recognizing the need for a sensitive, multilingual citizenry, the members of the World Language Department believe that the opportunity to learn a second language should be made available to all students. Through the study of world languages students are aided in the development of their reasoning powers in a way unique to this discipline. Furthermore, such study leads to the broadening of interests and appreciation of the diversity of peoples and cultures. Knowledge of world languages and cultures enables students to improve and enrich their understanding of their own environment, as well as the larger world community, ultimately contributing to better international understanding.

Recommendations

Studying a second language is a sound educational investment for future employment. The nature of commerce today is global, and it is a recognized fact in the area of international business that a company must be able to understand and operate within the language and culture of its customers in order to be successful. Fluency in a second language allows a person not only to communicate ideas, but also to understand the cultural nuances and the mentality of the consumer. Those students who are proficient in a language have a great advantage over their colleagues who are not, and their salaries often reflect the fact that they are valuable resources to their employers.

The study of a second language helps to raise the level of competency in a native language and heightens cultural awareness. Research shows that students with second language skills are often better learners in all subject areas. Recent studies by the Admissions Testing Program of the College Board show that students who receive instruction in world languages tend to score significantly higher on the verbal section of the SAT than those who do not. These studies further conclude that scores increase in direct proportion to the length of the time the language is studied.

Students who elect to study a world language have a larger selection of colleges from which to choose and a better chance of being accepted to the college of their choice. Minimum admission requirements for both public universities and community colleges adopted by the Illinois Board of Higher Education include two years of world languages or fine arts. Many private colleges require at least three years of a world language for admission. Illinois public universities often grant credit for completion of Level 3 or Level 4 world languages coursework. World language courses also fulfill Fenton's Fine and/or Applied Arts graduation requirement.

The World Languages Program at Fenton is based on the Oral Proficiency Guidelines established by the American Council on the Teaching of Foreign Languages. Advanced Placement courses which provide rigorous A.P. exam preparation are available.

WORLD LANGUAGES - LEVEL 1

FRENCH 1 - SEQUENTIAL
CODE: 1st Semester: 5201 2nd Semester: 5202
GERMAN 1 - SEQUENTIAL
CODE: 1st Semester: 5211 2nd Semester: 5212
SPANISH 1 - SEQUENTIAL *
CODE: 1st Semester: 5221 2nd Semester: 5222

Level 1 provides the student with basic skills in speaking, reading, writing, and understanding the spoken word. Culture and civilization are introduced by the use of audio-visual materials, authentic publications, readings in the text, and informal discussions. Emphasis is placed on building a core vocabulary, acquainting students with essential grammatical structures, and developing near-native pronunciation.

Please note: Students must acquire the skills in the foundation language levels in order be successful in subsequent language levels. The World Languages Department recommends that only students who achieve a grade of **C** continue on to the next language level.

Prerequisite: None
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

WORLD LANGUAGES - LEVEL 2

FRENCH 2 - SEQUENTIAL
CODE: 1st Semester: 5231 2nd Semester: 5232
GERMAN 2 - SEQUENTIAL
CODE: 1st Semester: 5241 2nd Semester: 5242
SPANISH 2- SEQUENTIAL *
CODE: 1st Semester: 5251 2nd Semester: 5252

Level 2 builds on previously introduced skills and emphasizes creating with the language by combining and recombining learned elements. Students learn to produce grammatically correct utterances and written phrases acceptable to a native speaker. The quantity and quality of listening and reading comprehension increase, enabling the student to successfully handle uncomplicated communication tasks and social situations. Vocabulary expansion and pronunciation continue to be highlighted at this level.

Please note: Students must acquire the skills in the foundation language levels in order be successful in subsequent language levels. The World Languages Department recommends that only students who achieve a grade of **C** continue on to the next language level.

Prerequisite: Level 1 A & B
Levels: 10, 11, 12 Semesters: 2 Credits: 2

**Note: Required workbook fee for Spanish levels 1-3 : $18.00*

WORLD LANGUAGES - LEVEL 3

FRENCH 3 - SEQUENTIAL
CODE: 1st Semester: 5261 2nd Semester: 5262
GERMAN 3 - SEQUENTIAL
CODE: 1st Semester: 5271 2nd Semester: 5272
SPANISH 3 - SEQUENTIAL *
CODE: 1st Semester: 5281 2nd Semester: 5282
Level 3 shifts the emphasis from controlled expression guided by the teacher to free expression produced by the student. Homework assignments and in-class activities require the creation of original sentences and compositions. Previously learned grammatical structures are reviewed and practiced and increasingly complex rules and patterns are introduced. The level of ability at this stage allows for the use of short original works and outside readings as a means of instruction. Students are expected to use the second language correctly and as often as possible in the classroom. The second language is used as the primary language of instruction, with English used to explain more complicated and involved ideas.
Prerequisite: Level 2 A & B
Levels: 11, 12 Semesters: 2 Credits: 2

**Note: Required workbook fee for Spanish levels 1-3: $18.00*

WORLD LANGUAGES ADVANCED PLACEMENT

AP FRENCH LANGUAGE (FRENCH 4) - SEQUENTIAL
CODE: 1st Semester: 2031 2nd Semester: 2032
AP GERMAN LANGUAGE (GERMAN 4) - SEQUENTIAL
CODE: 1st Semester: 2041 2nd Semester: 2042
AP SPANISH LANGUAGE - SEQUENTIAL *
CODE: 1st Semester: 2051 2nd Semester: 2052
Fenton's Advanced Placement language courses provide advanced study of language and culture and are designed to increase students' communicative proficiency levels in each of the four language skills: listening, speaking, reading and writing. Students are expected to converse and write with grammatical accuracy and a high degree of fluency about contemporary cultural topics from six interdisciplinary thematic units: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. In each thematic unit, students engage in activities and assignments focused on Interpersonal, Interpretive and Presentational modes of communication. Contemporary publications, historical texts, authentic texts, and original works of literature are studied and used as points of departure for classroom discussions. Students also study music, art, and other cultural aspects of the various countries, which encourages students to make connections between their lives and the worldwide community. (Grammar is reviewed as needed in preparation for the Advanced Placement examination and class is conducted exclusively in the target language). As with all high school advanced placement courses, Fenton's Advanced Placement language course curriculum has been approved by the A.P. College Board. It is strongly recommended that students enter the A.P. course with a grade of B or higher in language level 3. Since students receive weighted credit for A.P. courses, they should expect to complete rigorous work reflective of a college course.
Prerequisite: Language level 3 or Spanish 3 for Native Speakers.
Levels: 11, 12 Semesters: 2 Credits: 2

SPANISH 4
CODE: 1st Semester 5307 2nd Semester 5308
An advanced-level, content-based Spanish course designed for both non-native and native advanced speakers of Spanish, students in this course will broaden their cultural competency through their study of the history and culture of Spanish speaking countries. Through an integrated approach utilizing authentic historical, literary and journalistic readings and video, students will not only gain insight into Hispanic cultures and civilizations, but also achieve a more global understanding of the issues these peoples and their countries face in the future. This course is conducted entirely in Spanish.
Prerequisite: Spanish 3 or Spanish 3 for Native Speakers
Levels: 11, 12 Semesters: 2 Credits: 2

SPANISH 1 FOR NATIVE SPEAKERS SEQUENTIAL*
CODE: 1st Semester 5291 2nd Semester 5292
This Level 1 course is intended for the native Spanish speaker who wants to improve his/her mastery of Spanish. Conversational ability is required to enter this course. Literacy skills in reading, writing, and vocabulary will be developed so students become proficient enough to continue to Spanish 2 for Native Speakers. The course will address specific needs of the group as grammatical and vocabulary gaps are noted. The class is conducted entirely in Spanish, using various forms of media as resources.
Prerequisite: Speaking knowledge of Spanish. Some basic reading and writing knowledge is required.
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

SPANISH 2 FOR NATIVE SPEAKERS-SEQUENTIAL *
CODE: 1st Semester 5301 2nd Semester 5302
This is the second course for native Spanish Speakers who would like to improve their mastery of Spanish. The course is designed to address specific needs or areas of deficiency of the group as a whole, although individualized instruction will also be provided where necessary. The class is conducted entirely in Spanish using various forms of media as resources.
Prerequisite: Spanish 1 for Native Speakers
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

SPANISH 3 FOR NATIVE SPEAKERS - SEQUENTIAL
CODE: 1st Semester: 5309 2nd Semester: 5310*
This is the third course for native Spanish speakers. Level 3 builds on previously introduced skills with emphasis on vocabulary expansion and grammatical accuracy. Students who successfully complete this course may take AP Spanish Language if they meet the course recommendations.
Prerequisite: Spanish 2 for Native Speakers/Spanish 2 with teacher recommendation
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

**Note: Required workbook fee for Spanish levels 1-3: $18.00*

ENGLISH AS A SECOND LANGUAGE / BILINGUAL

Students who are Limited English Proficient as assessed by the state-mandated ACCESS test are placed in ESL / Bilingual courses by the ESL Coordinator. Accordingly, students are exited from the ESL program after achieving an English proficiency score on the ACCESS that demonstrates high school levels of speaking, listening, reading, and writing. Intensive work on the four skills of listening, speaking, reading, and writing is provided in all ESL courses.

ESL 1 - CONVERSATION AND LITERACY - SEQUENTIAL
CODE: 1st Semester: 4519-4521 2nd Semester: 4520-4522
This is a two period intensive course for beginning English students. Students learn basic interpersonal communication skills for school and community survival so that all ESL students may have successful experiences at Fenton High School. Emphasis is on study skills which provide the means for success in regular courses when the student exits the ESL program.
Prerequisite: Approval of ESL instructor
Levels: 9, 10, 11, 12 Semester: 2 Credits: 4

ENGLISH AS A SECOND LANGUAGE 2 - SEQUENTIAL
CODE: 1st Semester: 4523 2nd Semester: 4524
Level 2 builds on previously introduced skills and emphasizes reading and writing while continuing to develop oral proficiency in English. Specific reading skills such as using context clues, finding the main idea, drawing conclusions, and making inferences are developed. Intensive writing skills concentrate on sentence formation, using correct punctuation, and constructing simple, coherent paragraphs. The elements of literature are introduced.
Prerequisite: Approval of ESL instructor
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

ENGLISH AS A SECOND LANGUAGE 3 - SEQUENTIAL
CODE: 1st Semester: 4525 2nd Semester: 4526
ESL 3 parallels the regular English 1 curriculum and provides an extensive review for improving communication skills on a level for students who are still developing their English proficiency. Students analyze the short story and the novel as forms of literature. Poetry, mythology, and drama are also studied. This course provides intensive work with reading skills, vocabulary development, sentence structure, and paragraph development culminating in the formation of an argumentative essay. This course meets the Freshman English requirement for graduation.
Prerequisite: Approval of ESL instructor
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

ENGLISH AS A SECOND LANGUAGE 4 – SEQUENTIAL
CODE: 1st Semester: 4603 2nd Semester: 4604
ESL 4 is a two semester course which provides advanced level ESL students with intensive work in all areas of language arts. It incorporates technology presentational skills to prepare students to transition to the regular English classroom or work world. Students acquire skills to comprehend and respond to informational text, which includes the genres of personal narrative, biography, diary, oral history, magazine article, news feature, interview, and editorial. Through their reading, students acquire academic vocabulary and language which will help them experience success in their future careers and in college. As with all ESL courses, the four communication skills of listening, speaking, reading, and writing continue to be expanded through personal development, career, and community themes. During each unit, students create narrative and argumentative essays, presentations, and speeches that use evidence from the informational texts read in class. Research skills and technology presentational skills are integrated throughout the course. This course meets the English 2 requirement for graduation.
Prerequisite: Approval of ESL instructor
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

CONTENT READING
ESL 1 CODE: 1st Semester 4540 2nd Semester 4541
ESL 2 CODE: 1st Semester 4542 2nd Semester 4543
ESL 3 CODE: 1st Semester 4544 2nd Semester 4545
ESL 4
CODE: 1st Semester: 4605 2nd Semester: 4606
Required of all ESL students, this course is designed to assist students in acquiring academic vocabulary and applying reading strategies to various content areas.
Opportunities are provided for developing literacy skills through independent reading and writing. Tutoring is also available to students on a limited basis.
Prerequisite: Approval of ESL instructor
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

Life Skills Courses**
ELL students will be placed in these courses based on individual assessments.

ESL/Bilingual Basic Math-Sequential
CODE: 1st Semester: 4560 2nd Semester: 4561
This course provides ELL students basic math skills and vocabulary development in preparation for students to be successful in high school level math courses.
Level: 9,10,11,12 Semesters: 2 Credits: 2

ESL/Bilingual Basic U.S. History-Sequential
CODE: 1st Semester: 4562 2nd Semester: 4563
This course provides ELL students with an overall view of United States history with an emphasis on significant periods in American history and vocabulary development.
Level: 9,10,11,12 Semesters: 2 Credits: 2

ESL/Bilingual General Science-Sequential
CODE: 1st Semester: 4564 2nd Semester: 4565
This course provides ELL students with an itrodfuction to general science and may include topics from life science, earth science, or physical science, depending on the needs of the students. Students will become familiar with lab safety rules and the scientific method.
Level: 9,10,11,12 Semesters: 2 Credits: 2

ESL ALGEBRA (Part 1) - SEQUENTIAL
CODE: 1st Semester: 4533 2nd Semester: 4534
ESL BILINGUAL ALGEBRA (Part 1)
CODE: 1st Semester: 4537 2nd Semester: 4538
This course is designed to assist Limited English Proficient students acquire English skills while developing mathematical concepts. Included are all of the topics covered in the mainstream Algebra (Part 1) course. In addition, time is spent on upgrading arithmetic skills. Successful completion is needed for entrance into many colleges. In order to complete the Algebra I credit needed for entrance into many colleges, students should next enroll in Algebra (Part 2).
Prerequisite: Approval of ESL Instructor
Levels: 9, 10, 11, 12 Semesters: 2 Credits: 2

ESL ALGEBRA (Part 2) - SEQUENTIAL
CODE: 1st Semester 4611 2nd Semester 4612
As a continuation of ESL Algebra (Part 1), the material covered in this course is equivalent to the second semester of the regular Algebra I course. Algebra I is primarily concerned with algebraic vocabulary, basic manipulations with polynomials and rational algebraic expressions, solutions to linear and quadratic equations, inequalities, word problems that illustrate a variety of practical applications of algebra, laws of exponents, graphing of linear functions, and the simultaneous solution of two linear equations in two unknowns. Upon completion of Algebra (Part 2), students should continue their mathematics study with Geometry or Algebra II. This course fulfills one year of the three years of mathematics needed for graduation.
Prerequisite: Completion of ESL Algebra (Part 1) or equivalent and approval of the ESL Instructor
Levels: 10, 11, 12 Semesters: 2 Credits: 2

ESL GEOMETRY A & B – SEQUENTIAL
CODE: 1st Semester 4556 2nd Semester 4557
This sequential course is designed to assist Limited English Proficient students acquire English skills while developing geometry concepts. As with the regular education Fundamentals of Geometry course, it provides students with the fundamental vocabulary, properties, language, and content of geometry. Included are the core geometric topics such as triangles, circles, polygons, parallel lines, coordinate, and solid geometry. In addition, students will continue to increase their knowledge of algebraic skills. PARCC and ACT math skills and test preparation will be fully integrated throughout the course. Successful completion of this course fulfills the geometry requirement needed for graduation.
Prerequisite: Algebra I, ESL Algebra (Part 2) or equivalent and approval of the ESL Instructor
Levels: 10, 11, 12 Semesters: 2 Credits: 2

BILINGUAL HEALTH CODE: 4509
ESL HEALTH CODE: 4508
This course is designed to assist Limited English Proficient students acquire English skills while they learn how to develop a healthy lifestyle based on informed choices. These topics may include: personal health, stress management, systems of the body, mental health, personal relationships, sexuality, marriage, parenthood, human growth and development, nutrition and physical fitness, the abuse of drugs, alcohol, and tobacco, and diseases and disorders. Successful completion of this course fulfills Fenton's health course requirement for graduation.
Prerequisite: Approval of ESL Instructor
Levels: 9, 10, 11, 12 Semesters: 1 Credits: 1

ESL/BILINGUAL BIOLOGY - SEQUENTIAL
CODE: 1st Semester: 4503 2nd Semester: 4504
This is a full year course intended to meet the needs of Limited English Proficient students pursuing a science-related career or preparing to attend a four-year college. This course presents principles that compare and contrast the structures and functions found in all living things from one-celled organisms through the human body. Topics such as biological classification, cell structure and function, genetics, microbiology, and balanced and functioning system, are covered. The course is the first course in the teaching of laboratory procedures and the scientific method taught at the high school level. In addition, this course satisfies one course of the science requirement at Fenton and for admission to college.
Prerequisite: Approval of the ESL/Bilingual Instructor
Levels: 9, 10, Semesters: 2 Credits: 2

ESL PHYSICAL SCIENCE – NON-SEQUENTIAL
CODE: 1st Semester: 4558 2nd Semester: 4559
This full year course is designed for Limited English students who need support to develop their English skills while studying basic chemistry and classical physics concepts. Students will study mass, volume, density, characteristic properties of substances, and separation techniques during the first semester. Emphasis is on applying the scientific method to solve laboratory experiments, and improving laboratory techniques and practices. This course fulfills part of the two year science requirement for graduation.
Levels: 10, 11, 12 Semesters: 2 Credits: 2

ESL UNITED STATES HISTORY - SEQUENTIAL
CODE: 1st Semester: 4517 2nd Semester: 4518
This course is a survey of the major events in U.S. history for Limited English Proficient students. The purpose of this course is to develop English language skills through a study of the American people, culture, and past. This course takes a multicultural view of such topics as the development of the American form of constitutional republican government; development of the American economy; United States foreign policy; and the evolution of our total cultural heritage. Knowledge of the past is related to current events in order to develop a sense of historical continuity.
Prerequisite: Approval of the ESL Instructor
Level: 11 Semesters: 2 Credits: 2

**** POLICY REGARDING THE CONSTITUTION TEST REQUIREMENT***

Students who pass the first semester of ESL/BIL Introduction to the Social Sciences will demonstrate a clear understanding of patriotism and principles of representative government, proper use of the flag, methods of voting and the Pledge of Allegiance, as required by Illinois State law and the Fenton graduation requirements.
Students who do not pass the first semester of Introduction to the Social Sciences are required to pass a test of the American Constitution in order to graduate. Those students must make individual arrangements with the ESL/BIL Social Studies teacher to take the exam.

BILINGUAL INTRODUCTION TO THE SOCIAL SCIENCES - SEQUENTIAL
CODE: 1st Semester: 4501 2nd Semester: 4502
ESL INTRODUCTION TO THE SOCIAL SCIENCES - SEQUENTIAL
CODE: 1st Semester: 4600 2nd Semester: 4601
This course will assist Limited English students improve their English skills while acquainting them with the various disciplines within the social sciences. Units include civics, political science, psychology, economics, sociology, anthropology, and geography. During the civics unit, students will be assessed on the U.S. Constitution, the Illinois Constitution, and the U.S. Flag, which are required for graduation in the state of Illinois. Students must also complete two hours of community service during first semester so they acquire the value and importance of civic involvement in their communities. This course fulfills part of the three-year Social Studies requirement for graduation.
Levels: 9, 10 Semesters: 2 Credits: 2

BILINGUAL WORLD HISTORY - SEQUENTIAL
CODE: 1st Semester 4609 2nd Semester 4610
ESL WORLD HISTORY - SEQUENTIAL
CODE: 1st Semester 4607 2nd Semester 4608
The purpose of ESL or Bilingual World History is to develop English language skills while studying the evolution of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes, and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions, and patterns of social, political, and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today. This course fulfills part of the three year requirement of social studies for graduation.
Prerequisite: Approval of the ESL/Bilingual Instructor
Levels: 9, 10 Semesters: 2 Credits: 2

ESL CONSUMER EDUCATION
CODE: 4515
Designed primarily for Limited English Proficient students, this course helps students acquire problem-solving skills needed to investigate and evaluate choices we are required to make in adult life. The course will be used as a format for developing English skills since English is the language consumers use in this country. Topics to be studied include: budgets, banking, comparative shopping, renting an apartment, career planning and job interviews, buying a car, credit, insurance, and consumer complaints. This course fulfills the graduation requirement for Consumer Education.
Prerequisite: Approval of the ESL Instructor
Levels: 11, 12 Semesters: 1 Credits: 1

BILINGUAL STUDY SKILLS
CODE: 4516
Topics studied in this course include goal-setting, time management and self-organization, information retrieval from a variety of sources such as the library's reference materials and the Internet, note-taking skills and outlining, memorization techniques and test preparation, reading and interpreting maps and map symbols, charts, graphs, and diagrams. Using the techniques learned in this course, students will be better prepared to understand their textbooks and courses in school and college.
Prerequisite: Approval of ESL Coordinator
Levels: 9, 10, 11, 12 Semesters: 1 Credit: 1

Technology Center of DuPage (T.C.D.)

The Technology Center of DuPage (T.C.D.) is a joint effort of Fenton High School, District #100 and seven other neighboring high school districts. The center is designed to offer elective career education programs not available at Fenton High School. The primary purpose of the T.C.D. is to offer training which can provide students certified employability in a broad range of careers.

Enrollment at the T.C.D. is available to students during their junior and senior years. Success at the T.C.D. is directly related to regular attendance. As a result, sophomores wishing to enroll in the T.C.D. must have earned 16 credits at Fenton by the time of registration. Juniors wishing to enroll at the T.C.D. must have 26 credits at the time of registration and a good attendance record. In addition, a student's attendance and disciplinary records will be carefully reviewed in order to determine acceptance into TCD.

In addition to the credit requirement, the student who desires to enroll in a particular course at the T.C.D. should have taken certain prerequisites at Fenton High School in preparation for the chosen T.C.D. course. Listed on the following pages are the courses offered at the T.C.D. as well as the prerequisites for these courses. (**The fees listed below are approximate. Please consult *http://www.tcdupage.org/programs.html* or the T.C.D. booklet *http://www.tcdupage.org/Domain/84* for the most up-to-date information.)**

CAREER CLUSTER TCD Program (s)	**COURSE CODE**	**COURSE FEE**	**RECOMMENDATIONS AND/OR PRE-REQUISITES**
ARCHITECTURE & CONSTRUCTION			
Civil Engineering & Architecture (CEA-PLTW)*	9486/9487	$100.00	PLTW IED and POE
Construction Trades 1	9404/9405	$100.00	1 Semester of Technical Drafting, Woods 1
Construction Trades 2	9406/9507	$100.00	Construction Trades 1
Heating, Ventilation, AC & Refrigeration 1	9512/9513	$100.00	Electricity
Heating, Ventilation, AC & Refrigeration 2	9514/9515	$100.00	HVAC 1
Residential Wiring	9412/9413	$100.00	Algebra 1, Physical Science, Electricity, Metals
ARTS, A-V TECHNOLOGY & COMMUNICATION			
Multimedia & Television Production 1	9444/9445	$100.00	Video Production
Multimedia & Television Production 2	9446/9447	$100.00	Multimedia & Television Production 1

CAREER CLUSTER TCD Program(s)	COURSE CODE	COURSE FEE	RECOMMENDATIONS AND/OR PRE-REQUISITES
EDUCATION & TRAINING			
Early Childhood Education & Care 1	9490/9491	$100.00	Parenting A & B, Preschool A & B
Early Childhood Education & Care 2	9492/9493	$100.00	Early Childhood Education and Care 1
HEALTH SCIENCE			
Healthcare Foundations	9558/9559	$100.00	None
Medical Terminology & Health Careers (one-year program)	9452/9453	$100.00	None
Nursing Assistant Training Program (one-year program)	9460/9461	$100.00	None
HOSPITALITY & TOURISM			
Professional Cooking, Baking and Service 1	9502/9503	$100.00	Chefs, Mini-Restaurant
Professional Cooking, Baking and Service 2	9504/9505	$100.00	Professional Cooking, Baking and Service 2
HUMAN SERVICES			
Cosmetology 1	9494/9495	$575.00	Physical Science or Chemistry
Cosmetology 2	9496/9497	$400.00	Cosmetology 1
INFORMATION TECHNOLOGY			
Computer Information Systems & Game Design	9420/9421	$100.00	Intro to Technology
Computer Software Engineering	9560/9561	$100.00	None
LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY			
Criminal Justice 1	9416/9417	$100.00	None
Criminal Justice 2	9418/9419	$100.00	Criminal Justice 1
Fire Science (FS one year, EMT for seniors only) 1	9522/9523	$100.00	Physical Science or Chemistry
Fire Science (FS one year, EMT for seniors only) 2	9524/9525	$100.00	Fire Science 1

CAREER CLUSTER TCD Program (s)	COURSE CODE	COURSE FEE	RECOMMENDATIONS AND/OR PRE-REQUISITES
MANUFACTURING			
Precision Engineering and Design Technology	9556/9557	$100.00	Intro to Technology, Metal and Manufacturing Technology 1
Welding	9552-9553	$100.00	Metal and Manufacturing Technology 1
SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM)			
Electronics Technology	9546/9547	$100.00	Algebra1, Electricity
Pathway to Engineering – Curriculum developed by Project Lead The Way (PLTW.org) **Each course is <u>ONE SEMESTER</u>, choose two courses per year.**			
Civil Engineering & Architecture (CEA)*	9486	$100.00	IED and POE and concurrent enrollment in Advanced Algebra and/or Physics recommended
Digital Electronics (DE) *	9482	$100.00	IED and POE and concurrent enrollment in Advanced Algebra and/or Physics recommended
Computer Integrated Manufacturing (CIM)*	9484	$100.00	IED and POE and concurrent enrollment in Advanced Algebra and/or Physics recommended
Engineering Design & Development (EDD)*	9488	$100.00	IED; POE and at least one of CEA, DE, CIM or AE; concurrent enrollment in Advanced Algebra and Physics recommended
TRANSPORTATION AND LOGISTICS			
Auto Body Repair and Refinishing 1	9470/9471	$100.00	Auto Maintenance/Small Engines; Metal & Manufacturing Technology
Auto Body Repair and Refinishing 2	9472/9473	$100.00	Auto Body Repair and Refinishing 1
Automotive Technology 1	9474/9475	$100.00	Auto Maintenance/Small Engines; Auto Service
Automotive Technology 2	9476/9477	$100.00	Automotive Technology 1